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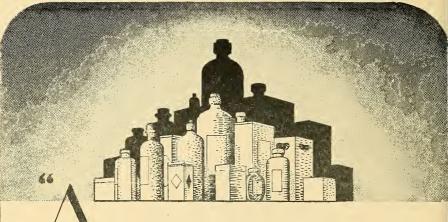
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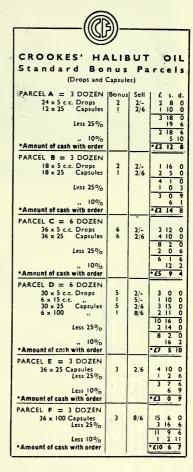
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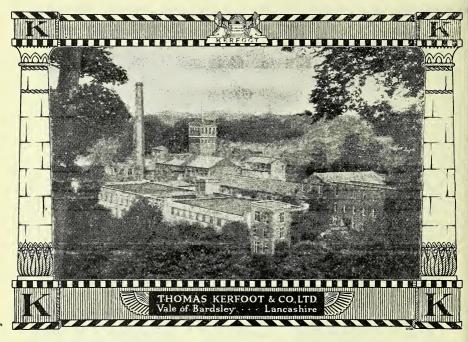
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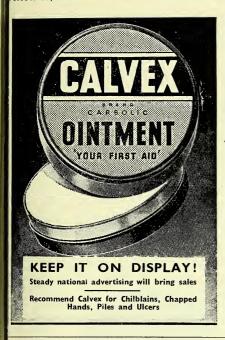
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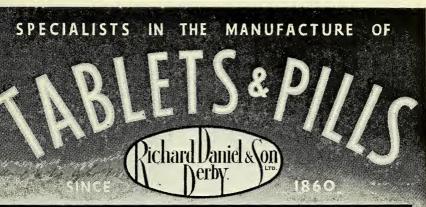
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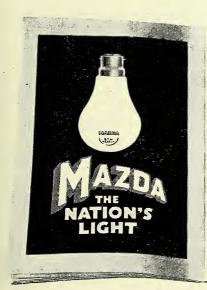
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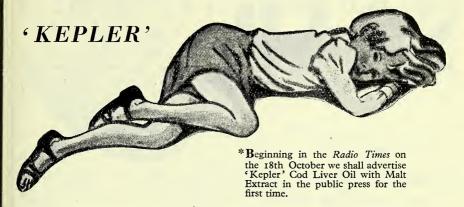
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No. 1263.	Eau de Cologne Bath Size.	6 oz.	33	1/3d.
No. 2463.	Verbena Leaf Bath Size.	6 oz.	,,	1/3d.
No. 3363.	Fern Bath Size.	6 oz.	**	1/3d.
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NEWS OF THE WEEK

Lanolin and Wool-grease Imports.—The Board of Trade announces that all applications to import lanolin, wool-grease and degras, whatever the purpose for which the imports are required, should be made on the official standard application form and addressed to the Import Licensing Department, Board of Trade, 1-6 Tavistock Square, London, W.C.1.

Medical Economy Memorandum.—The Ministry of Health has sent out to medical officers, hospitals, local authorities, etc., a memorandum urging economy in the use of phenol and certain allied compounds. Medical officers are requested to be as sparing as possible in the use and prescription of phenol, salicylic acid, acetylsalicylic acid, sodium salicylate, methyl salicylate, and phenolphthalein, and of preparations containing any of these sub-stances. It is suggested that a copy of the circular should be initialed by each medical officer on the staff of a hospital, by each ward sister, and by the various members of dispensary staffs.

Food Control Orders.—The Ministry of Food has issued an Order (S. R. & O., No. 1580) amending the Food (Restriction on Dealings) Order, dated September 10, 1941. In this Order definitions are given of chocolate and sugar confectionery, and the general licence, dated September 10, has been amended accordingly. The respective definitions are those indicated in the Chocolate and Confectionery (Maximum Prices) Order (S.R. & O., No. 1436) and the Sugar Confectionery (Maximum Prices) Order (S.R. & O., No. 1435).—The Order relation to food substitutes has now been issued as S.R. & O., No. 1606 (see C. & D., October 18, p. 85).

Food Substitutes Trade Association .-Manufacturers of reputable food substitutes have decided to form their own trade association. At a meeting held recently in London, the need of co-operation with the Ministry of Food and of a clearer definition of substitutes coming within the Ministry's regulations, the position of distributors, and the question of stocks manufactured

and in circulation, were raised. The public's need of food substitutes was urged. The activities of the new Association will be directed, not to particular classes of products, but to food substitutes as a whole. Manufacturers of food substitutes in the pharmaceutical trades are eligible as members. They should write to the Food Substitute Manufacturers' Association, 19 Fenchurch Street, London, E.C.3.

Reception and Whist Drive at Hull .-Hull Chemists' Association and local branch of the Pharmaceutical Society opened their winter session with a whist drive and reception at the City Restaurant, Hull, recently. Mr. R. L. Stephens (president) and Mrs. Stephens received about thirty-five members and friends, and a collection in aid of the Pharmaceutical Society's War Distress' Fund raised £5 8s. Mr. Naylor was M.C. for whist, at which the winners were Mrs. Fanthorpe, Mrs. Vinegrad and Miss Palmer; and Messrs. Renwick, Ringrose and Trout. A presentation was made to Mr. C. Holliday (social secretary) and Mrs. Holliday on the occasion of their recent marriage.

Inquest.—At Newick, Sussex, on October 15, an inquiry was held into the circumstances attending the deaths of two persons from strychnine poisoning. The jury found that Mrs. Grover murdered her father and took her own life while her mind was unbalanced.

Pharmacists Given Commissions.—Mr. A. F. Roche, M.P.S.I., Donnybrook, Dublin,

and Mr. Gerard Anthony O'Donnell, M.P.S.I., Windy Arbour, Dublin, have received Commissions as pharmaceutical chemist compounders in the Eire Army Medical Service. Lieutenant "Tony" Roche was for many years secretary of the Irish Chemists' Golfing Society, and a few



Mr. A. F. Roche

months ago was presented by his many golfing friends with an inscribed radio set. He is now serving with the Forces at Mallow, co. Cork. Lieut. O'Donnell is in Athlone.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

Vinolia Co. (Overseas), Ltd. (P.C.).—Capital £2,000. Objects and other particulars are similar to those of A. & F. Pears (Overseas), Ltd. (below).

PROMER, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as chemists, druggists, drysalters, etc. First directors not named. Solicitors: Baker, Robinson & Spink, Norfolk House, Laurence Pountney Hill, London, E.C.4.

A. & F. Pears (Overseas), Ltd. (P.C.).—Capital £40,000. Objects: To carry on business as manufacturers of and wholesale and retail dealers in soaps, dentifrices, perfumery, cosmetics, water softeners, etc. First directors to be appointed. Solicitor: L.A. Ellwood, Unilever House, London, E.C.4.

Dols' Flannel (Export Agency), Ltd. (P.C.).—Capital £100. Objects: To carry on business as manufacturers of and dealers in Dols' Volatalise flannel, etc. C. Miller, Regina Court Hotel, Bournemouth, F. W. Kenny, F. E. Bluff and A. H. Williams, directors.

STARCH DISTRIBUTORS, LTD.—Registered as limited by guarantee. Objects: To act as distributors of starches and other farinaceous products on behalf of the Ministry

of Food. Henry P. Maskell, Plantation House, Mincing Lane, London, E.C.3, and Henry J. Hall, Hamilton Buildings, 24a Chapel Street, Liverpool, directors. Solicitor: Herbert Smith, Cereal House, Mark Lane, London, E.C.3.

CORK FEDERATION, LTD. (P.C.)—Registered as a company limited by guarantee, without share capital. Objects: To carry on the business of manufacturers, exporters and importers of and dealers in cork, etc. Kenneth McIver Kent, II Carlyle Close, London, N.2; Stanley Strong, Apexes Works, Southall, Middlesex; William E. Mason, Langite Works, South Chingford, London, E.4; Thomas Percival, Effingham House, Arundel Street, London, W.C.2; Robert Rankin, 5 Holland Avenue, Cheam, Surrey; James W. Warden, I Alie Street, London, E.I; and Robert F. Spencer-Nairn (address not stated), directors. Solicitors: Slaughter & May, 18 Austin Friars, London, E.C.

Solidol Chemical, Ltd.—Directors' report for year ended December 31, 1940, shows profit of ξ 1,585 after charging management, administration and distribution expenses and directors' fees.

TOPICAL REFLECTIONS

Mobility and Common Sense

The statement that the Central Pharmaceutical Committee is considering applica-tion for an Order "to prevent staffs transferring from one shop to another without the permission of the Committee' (p. 83) comes, as you remark, as a shock to most chemists. I assume-it would be discourteous not to assume—that the Committee is making a careful survey of the situation. It has therefore taken, or will take, into consideration the following classes of transfer "from one shop to another": (1) Termination of employment by dismissal or by the natural ending of a temporary engagement; (2) removal of staff from one branch to another in the same ownership during busy periods; (3) "lending" of assistants to proprietors of other businesses. As to the first class of transfer, the terms of the proposal, as phrased, do not preclude the dismissal of an assistant or the withdrawal of services by an assistant after giving due notice; but they appear to prevent in either of such cases the obtaining of a new assistant or of a new situation without the consent of the Committee or a corresponding body "previously had and obtained," a proviso certain to occasion awkward delay. As to the second class of transfer, it would seem to be impossible, on a strict reading of the Committee's intentions, for a proprietor with more than one shop to continue any existing arrangements for temporary increases of staff at a branch during periods of extra work, such as a weekly market day or a normal rush of National Health Insurance dispensing. Official permission to do so may, indeed, be graciously accorded; but where is the need for so much control? As to the third class of transfer, the "lending" of assistants to other chemists, though not in my experience a frequent proceeding, may well become more usual as the stress of war conditions increases. The fact that young men are constantly becoming eligible for military service and disappearing from the pharmacies in which they have been employed does not render easier the solution of the problem.

Women in Pharmacies

The employment of women in pharmacies, a problem closely related to that outlined in the preceding paragraph, is discussed in two thoughtful letters on pp. 94 and 95. The present official fondness for control seems at variance here with the

elementary facts of the situation. "One would have thought," writes one of your correspondents, "that the switching of the potential substitutes direct to work of national importance would have caused less disruption, in total, than the procedure decided upon"; and the other asks: "Does it seem a sound programme to take away employees familiar with their work in a necessary . . . trade in order to replace them by persons with no training? Where, too, are the substitutes to come from?" This radically unsound system, as I regard it, involves "no fewer than nine distinct references to and from employer to the local committee"; and looking to the end of the war, it is only too likely that "there will be a surplus of unqualified persons with a smattering of experience." The question arises: Can an alternative to this unsatisfactory distribution of labour be devised? As a first step I would suggest a guaranteed continuance of the existing number of assistants and apprentices in pharmacies, with power to increase or decrease that number where warranted. Pharmacists should be relieved of anxiety on that score.

Lavish Prescribing

Pharmacists in Northern Ireland may be assured that the occurrence of lavish prescribing mentioned by the president of their Pharmaceutical Society at its recent annual meeting (p. 74) is not unknown in other parts of the United Kingdom; such quantities as "8 oz. mag. sulph. and glycerin" and "2 oz. of liquid extract of liquorice" have their counterparts in Great Britain. The mixtures of one Victorian consultant often included such generous proportions of tinctures that they might well have been sent out as stock mixtures with a high probability of keeping indefinitely till they were wanted; but the general experience seems to be that presentday prescribers favour relative simplicity and concentration. The point is, however, that medical practitioners as a body have a curious disregard for compatibility and also for cost in the ingredients they select. It may be that such points are regarded by them as beneath the dignity of the profession; or it may be that they do not read their professional journals, from which they could gather hints on these matters. In time of war this attitude is even more unfortunate than normally. Xrayser

NATIONAL WAR FORMULARY

The committee appointed by the Minister of Health in January to prepare a Formulary for general use in war-time has now completed its work. This National War Formulary will be published and distributed among medical practitioners, pharmacists, hospitals, and other users as soon as possible, and certainly, it is understood, before the end of the year. Under the chairmanship of Dr. P. Hamil (representing the Royal College of Physicians) the Committee comprised Drs. H. Davis (Voluntary Hospitals), E. A. Gregg (British Medical Association), C. H. Hampshire (Therapeutic Requirements Committee of the Medical Research Council), E. L. Lilley (British Medical Association), and J. W. G. Steell (Ministry of Health); Professor J. A. Gunn (British Pharmacopæia Commission); Messrs. R. Dawson Hutchinson (Ministry of Health), H. N. Linstead (Pharmaceutical Society of Great Britain), A. R. Melhuish (National Pharmaceutical Union), A. Mortimer (Wholesale Drug Trade Association), F. B. Royal (London County Council) and H. L. F. Walton (secretary). It is gratifying to members of the pharmaceutical profession to note that eight members of this committee are pharmacists.

Scope of the Formulary

The National War Formulary will take the place of the National Formulary for National Health Insurance purposes. It is being adopted by the large London hospitals, and every endeavour will be made to encourage its general use for the duration of the war. Doubtless pharmacists will be grateful to the committee for its strenuous labours in compiling a Formulary that appears sufficiently comprehensive to meet all requirements and give guidance and relief in difficult times. The aim of the committee has been "to provide a selection of medicines sufficient in range to meet ordinary requirements of therapeutics; to retain as far as possible the more valuable and more frequently prescribed preparations, modified when necessary; and to eliminate non-essential drugs." The recommendations of the Therapeutic Requirements Committee of the Medical Research Council (see C: & D., March 22, p. 184) have formed a basis for the elimination or replacement of drugs, and the memorandum "Economy in the Use of Drugs in War Time" (M.R.C. War Memorandum No. 3) should be consulted in the meantime.

Economies Urged

Special reference is made to the exercise of strictest economy in the use of the following drugs:

Agar.—Should be used only for bacteriological purposes.

Alcohol (including industrial methylated spirit).—Formulas have been introduced to provide alternatives to alcohol in protecting surgical instruments against rust, and to surgical or industrial methylated spirit for the prevention of bed sores. These formulas appear under the titles Liquor Boracis et Formaldydi, N.W.F., and Lotio Zinci Sulphatis, N.W.F. Tinctures have been replaced by liquid extracts.

Cinchona and Quinine.—Use of cinchona as a bitter should be discouraged.

Cod Liver Oil.—Vitaminised Oil, B.P., is a satisfactory alternative in most circum-

Dextrose, Glucose and Sugar naturally come in for attention.

Digitalis should be administered in the form of Tabella Digitalis Pulveratæ.

Distilled Water.—Should be used only for preparations for application to the eye and in circumstances in which the use of ordinary potable water would result in undesirable alteration. Reference is made to the authorised use of ordinary potable water in the Fourth Addendum to the B.P. 1932, and the Supplement, 1941, to the British Pharmaceutical Codex, 1934.

Ergot.—Tabella Ergotæ Præparatæ is the

most economical form.

Ipecacuanha, Liquid Paraffin and Malt

Extract are curtailed in supply.

Liver Extracts.—To be administered only to persons suffering from pernicious anæmia or other megalocytic anæmias and then only by injection.

Phosphorus Compounds (including phosphates, hypophosphites and glycerophosphates).—The last two are excluded; sodium phosphate should not be used as a laxative. Phosphoric acid should be replaced by hydrochloric acid.

Potassium Compounds.—Reference made to the Shortage of Drugs Order (S.R. & O. 1941, 273), which permits the pharmacist to dispense certain sodium salts in place of potassium compounds.

Glycerin.—Preparations have been omitted or there is a reduction in the amount prescribed. It is recommended that Collutorium Thymolis Co., N.W.F., should

be prescribed in place of compound glycerin of thymol. Glycerin should not be used as a sweetening agent.

Sulphonamides.—Sulphanilamide should be prescribed unless there is special reason

for the use of allied drugs.

Acetylsalicylic acid; atropine; belladonna; boric acid and its salts; citric acid (salts and effervescent preparations); hybscyamus; hyoscine; mercury and compounds; methyl salicylate; phenol; phenolphthalein; salicylic acid and salts; starch; tartaric acid (and salts and effervescent preparations) all come in for special recommendations to economy.

"For the guidance of medical practitioners a list of proprietary drugs and preparations with the corresponding nonproprietary equivalents or preparations of reputed analogous therapeutic effect is included." This might be more useful if extended to greater length.

Significant Changes

The Formulary is divided into general and children's sections. A glance through its contents reveals changes in many preparations and various interesting suggestions may be noted. A 3 per cent. w/v solution of sodium alginate may be used in place of tragacanth in emulsions of paraffin. Lin. saponis should not be prescribed, arachis oil serving similar purposes as an emollient for massage. Liquor chloroxylenolis is a suitable substitute to prescribe in place of lysol. Solvellæ are recommended to be used in place of certain preparations, e.g. liquor proflavinæ. Lotio acid. boric. is to be reserved for ophthalmic treatments, normal saline solution being used for any other purpose. Bismuth and its salts should be reserved for treatment of syphilis and tropical diseases, mixtures containing magnesium trisilicate, magnesium carbonate or kaolin being suggested substitutes. As a war-time measure, quassia should take the place of gentian (as in mist, gent, acid., etc.). Deflagrating powders such as pulvis lobeliæ compositus and pulvis stramonii compositus should not be prescribed. Certain preparations prescribed in the form of pills may be supplied in the form of tablets or pills. Trochisci should not be prescribed during war-time.

New Ingredients

A list of new ingredients, with preparations in which each is contained, and of new preparations for which list price will be taken for N.H.I. purposes, is given in the adjoining column:—

	· · · · · · · · · · · · · · · · · · ·
Ingredient or preparation	Preparation
Acid. citric	Pulv. iodophthal. co.
Aq. anisi	
Barii sulphas	Pulv. barii sulphatis
Benzocain	Ung. benzocain. co.
Capsul. liq. vitamin. A	List price to be taken
Chloramina	Liq. chloramin.
Chlorocresol	
Collod. flex	Collod. acid. salicyl.
Dithranol	Ung. dithranol. (Haust. chloral. co.
1217 to 1 to	Mist, am. mandel.
Elixir saccharin.	Mict cale oblovid
	Mist calc lact
72 1	List price Linct. codein. Linct. simplex
Emuls, anisi	Linct. codem.
	List price
	Mist. ammon. chlorid.
	Mist. am. mandel.
E	Mist. brom. Mist. brom. et arsen.
Emuls, anisi et menth pip.	Mist. casc.
p.p	Mist. casc. et n. voni.
	Mist. creosot. et sod.
	iod.
Emuls. chlorof	Linct, simp. Mist. sod. chlorid. co.
Emuls. menth. pip	Mist. quass. c. rheo.
Emuls, paraff, lig.	List price
Emuls. paraff. liq. c.	
Emuls. paraff. liq. c. phenolphthal.	Nah anhad agues
Ephedrin. hydrochlor.	Mist. casc. et n. vom.
Ext. bellad. liq. Ext. fellis bovini	Neb. ephed. aquos. Mist. casc. et n. vom. Enem. fell. bov.
Ext. filicis	Haust, file.
Ext. stramon. liq.	Mist. stramon. et iod.
Ext. valerian liq Fluorescein. solubil.	Mist, broin, et valer, Gutt fluoresc
Hexamin	Gutt. fluoresc. Mist. hexamin.
	Collyr. acid. boric. c.
Hydrarg. oxycyanid.	hydrarg. oxycyanid.
Ichthammol	Collyr. hyd. oxycy. Pessichtham.
Tomammor	(Mist. digit.
	Mist. hyd. perchlor.
Inf anaccia	Mist, hyd. et sod. iod.
Inf. quassiæ	Mist. quass. acid. Mist. quass. alk.
	Mist. quass, c. rheo.
	Mist. sod. salicyl. Mist. quass. c. rheo.
Inf. rhei Inj. leptazol	Mist. quass. c. rheo.
Inj. nersalyl	List price
Inj. nikethamid	,, ,,
Inj. papaveret.	,, ,,
Inj. procain. et adre-	,, ,,
nalin. Inj. quinin. dihydro-	
chlor.	,, ,,
Iodoformum	Insuff. iodof.
Iodophthaleinum	Pulv. iodophthal. co.
Liq. chloroxylenol (liq.	List price
antisepticus)	

Cae. co. Mist. camph. co. Collut. phenol. alk. Collut. thymol. co. Mist. mag. trisili. co. Emuls. anisi et menth. pip. Enem. terebinth. Lin. methyl. salicyl. Lot. calamin. oleos. Narist. hydrarg. nit. Narist. paraldehyd. Pess. ichtham. List price Tab. acid. ascorbic., mgm. 5 Tab. acid. ascorbic., mgm. 50 Tab. acid. nicotinic., mgm. 50 Tab. aneurin. hydrochlor., mgm. 3 Tab. atropin. sulph. gr. 1/100 Tab. atropin. sulph. gr. 1/100 Tab. codein. co. (codein. phos., gr. ½) Tab. digitalis pulv. gr. ½ Tab. digitalis pulv. gr. ½ Tab. digoxin, mgm. 25 mag. 25 Tab. mag. carb. co. mgm. 50 Tab. acid. nicotinic., mgm. 50 Tab. acid. nicot	Ingredient or preparation	Preparation	Ingredient or preparation	Preparation
Liq. sod. hydroxid. Mag. trisilicat. Ol. anisi Ol. anisi Ol. arachis Ol. arachis Orthocain. Oxymel Paraldehydum Pix carbonis comm. Proflavin. sulph. Saccharinus Proflavin. sulph. Saccharinus Saccharinus Sodii carb. Sodii carb. Collut. thymol. co. Mist. mag. trisil. co. Emuls. anisi et mgm. 5 Tab. acid. ascorbic., mgm. 50 Tab. acid. nicotinic., mgm.	Liq. opii eamph. eon	e. Mist. ammon. et ipe- eac. eo.	Sucrosum Suppos. glycerin. (base)	Pulv. iodophthal. co. Pess. ichtham.
Ol. anisi Emuls. anisi et menth. pip. Emem. terebinth. Lin. methyl. salicyl. Lot. calamin. oleos. Narist. hydrarg. nit. Narist. hydrarg. nit. Narist. hydrarg. nit. Oxymel Paraldehydum Paraldehydum Pix carbonis comm. Proflavin. sulph. Saccharinum Saccharinus Saccharinus Saccharinus Saccharinus Sodii carb. Sodii carb. Sodii iodid Sacdii iodid Sacchariol Sacch	* *	Collut. phenol. alk.	mgm. 5 Tab. aeid. ascorbie.,	•
Cothocain. Orthocain. Orthocain. Orymel Paraldehydum Pix carbonis comm. Proflavin. sulph. Saccharinu solubil. Saccharinu solubil. Sodii carb. Sodii iadisl. Emm. terebinth. Lin. methyl. salicyl. Linet. salicyl. Narist. chlorbutol. Narist. chlorbutol. Narist. hydrarg. nit. Narist. hydrarg. nit. Co. Insuff. orthocain. Linet. seill. opiat. Past. pic. carbon. Glycer, proflavin. Pulv. barii sulph.co. Saccharinu solubil. Sodii carb. Sodii iadisl. Sodii i	Ol. anisi	Emuls. anisi et	mgm. 50	* =
Orthocain. Oxymel Paraldehydum Pix carbonis comm. Proflavin. sulph. Saccharinus o. Saccharin. solubil. Sodii carb. Sodii carb. Sodii iodikl	Ol. arachis	Lin. methyl. salicyl. Lot. calamin. oleos. Narist. chlorbutol.	chlor., mgm. 3 Tab. atropin. sulph. gr. 1/100 Tab. ease. sag. co	y, y,
Paraldehydum Pix carbonis comm		Narist. hydrarg. nit. co. Insuff. orthogain.	dein. phos., gr. (1) Tab. digitalis pulv., gr. (1)	
Saccharinum	Paraldehydum Pix carbonis comm.	Haust. paraldehyd. Past. pic. carbon.	Tab. hyd. subchlor., gr. ½	
Sodii earb Baln. alk. Mist. ereosot. et sod. iod. Mist. hyd. et sod. iod. Mist. hyd. et sod. iod. Mist. sod iod anym. Sodii iodid	Saccharinum	Pulv. barii sulph.co. Emuls. anisi et	Tab. phenacetin, et acid. acetylsalicyl.	
Mist. hyd. et sod. iod. gr. 7½ Mist. sod iod anym Tob supportingel	Sodii earb	Baln. alk. Mist. ereosot. et sod.	Tab. sod. brom., gr. 5 Tab. stramonii	;; ;;
Mist. stramon. et iod. gr. $7\frac{1}{2}$	Sodii iodid	Mist. hyd. et sod. iod. Mist. sod. iod. anm. Mist. stramon. et iod.	gr. $7\frac{1}{2}$ Tab. sulphathiazol., gr. $7\frac{1}{2}$,, ,,
Solvella chloramin., gr. $8\frac{3}{4}$ Ung. hyd. nit. dil $\begin{cases} Narist. hydrarg. n \\ Narist. hyd. nit. dil. \end{cases}$	gr. 83	Pig. iodi co. List price	Ung. hamamel Ung. hyd. nit. dil	Vap. tereben. Ung. benzocain. co. {Narist. hydrarg. nit. Narist. hyd. nit. co. Pulv. barii sulph. co.

Omissions

Drugs and preparations which are ingredients in the National Formulary and omitted from the National War Formulary are the following:-

Acet, ipecac,
Acet. scillæ
Acid. hydrobrom. dil.
Acid, hydrocvan, dil.
Acid. oleic.
Acid. phosph. dil.
Acid. sulph. aromat.
Acriflavin.
Adeps. benz.
Ammon. brom.
Argent. protein. mit.
Bals. tolut.
Benzamin.
Benzamin, hyd.
Bismuth, carb,
Caffeina
Caffein. cit.
Calx ehlorinata
Chloralformamid.
Ext. casc. sagr. sicc.
Ext. cinchon. liq.
Ext. colchici sicc.
Ext. coloeynth. eo.

Ext. hyoseyam. sice. Ext. nue. vom. sicc. Ext. senegæ liq. Ferri sulph. exsicc. Glyc, acid, boric. Glye. pepsin. Glye. phenol. Hydrarg. subchlor. Inf. aurant. cone. Inf. buchu cone. Inf. ealumb. eone. Inf. gent. co. conc. Inf. quassiæ conc. Inf. rhei cone. Inf. rosæ acid. (ex cone.) Inf. valerian, conc. Ipecacuanha pulv. Jalap. resin. Lin. aconit. meth.

Ext. euphorb. liq.

Ext. glycyrrh. liq.

Ext. grindel. liq.

Lin. bellad. meth. Liq. ammon. eit. fort. Liq. bismuthi et ammon. eit. Liq. glyc. trinit. Liq. iodi. mit. Liq. morph. hydroehl. Liq. potass. hydrox. Mag. sulph. Mag. sulph. exsiec. Mist. bism. co. acid. c. pepsin. Oleoresin, capsici Ol. abietis Ol. cadinum Ol. camph. rect. Ol. olivæ Ol. thymi Oxymel scillæ Phenacetinum Phenazon. Pil. coloc. et hvoscy. (mass)

Pil. ferri carb. (mass) Pil. hydrarg. (mass) Podoph. resin. Pot. biearb. Pot. brom. Pot. cit.

Pot. nitras Pulv. trag. co. Quin. sulph. Sod. phenolsulph. Spt. ætheris. Spt. chloroformi Spt. juniperi Sulph. sublim. Syr. aurant. Syr. glucosi Syr. seillæ Syr. tolut. Syr. zingib. Tinct. aconit. Tinct. bellad. Tinct. catechu Tinct. gelsem. Tinct. ipecae. Tinet. krameriæ Tinet. lavend. eo. Tinet. lobeliæ æth. Tinct. nuc. vom. Tinct. opii eamph.

Tinet. seillæ

Tinet. stramon.

Vin. antimoniale

Ung. acid. borie. flav.

Ung. iod. denigrese.

PURCHASE TAX OFFICIAL NOTICE

The following is the text of an official notice addressed to chemists and druggists and makers of toilet preparatious by the Board

of Customs and Excise:-

Retailers in these trades are reminded that they are now required by law to apply for registration under the purchase tax if they make up for sale medicines, toilet preparations or other goods chargeable with purchase tax, to an extent exceeding £500 a year. For this purpose "making up' includes putting up or repacking medicines, drugs, toilet preparations, etc. (including preparations for veterinary use), in a proprietary form or with an added implication by label, literature or otherwise that they are intended for medicinal or toilet use. Retailers who have their own materials made up, put up or repacked in this way by another firm are deemed by law to be making chargeable goods.

In determining whether the limit of £500 is exceeded, the actual gross takings in the last accounting year, or the last twelve

months, from the sales of chargeable goods so made, put up or repacked must be included. For this purpose the sales of such goods at all shops or businesses belonging to the person or firm concerned must be aggregated.

It will be observed that while for the purpose of computing the £500 limit medicines, toilet preparations, etc., which are "made up" for sale as stock lines must be taken into account, sales of dispensed medicines, etc., which are prescribed by reference to the needs of the individual patient, and sales by retail of proprietary or other goods not made, put up, or repacked by the trader as described above should be disregarded.

Retailers and others who are required to register should apply to the local Officer of Customs and Excise, whose address can usually be obtained from the nearest Post Office. Failure to apply promptly for registration may involve liability to heavy

penalties.

PARLIAMENTARY NEWS

Restrictions on Cosmetics.—Sir H. Williams asked the President of the Board of Trade on October 14 why he had made an Order which would have the effect of rationing women more drastically in respect of cosmetics than men and women were rationed in respect of cigars, cigarettes and pipe tobacco.

Sir A. Duncan: The object of the recent Order was to regulate more closely the manufacture of cosmetics. It does not reduce the quota of supply available to the public. On the contrary, by release of stocks in the hands of wholesalers, increased supplies will become available. I do not think that a comparison can usefully be drawn between the use of cosmetics and the

consumption of tobacco.

Export Trade Policy.—On October 14 Sir Patrick Hannon asked the President of the Board of Trade whether it was the policy of the Government to discourage the opening of new outlets for British exports to the United States, and whether he was aware that the Department of Overseas Trade had declined to suggest the names of suitable agents for a particular industry in the United States on the ground that business had not previously been done in that market.

Sir A. Duncan: The growing demands

made by the war upon our labour, materials and plant make it increasingly difficult to promote new lines of export trade; accordingly, it is sometimes not possible to encourage such developments. I shall be glad to look into any particular case.

Sir W. Davison: Surely it is the obligation of the Board to make contacts in the United States for possible future business?

Sir A. Duncan: It is not so simple as that. We have to consider the susceptibilities of the United States in these matters, as well as the proper return we should make for the invaluable help they are rendering to us now.

Sir W. Davison: Is there any contact with trade organisations in the United States so that a proper understanding may be established after the war with regard

to Anglo-American trade?

Sir A. Duncan: Discussions in relation to the Lease-Lend arrangements are going on at the present time with the appropriate

authorities in the United States.

In reply to Mr. Hannah, the President of the Board of Trade said that, so far as was consistent with winning the war and with Lend-Lease obligations, everything possible would be done to preserve markets for post-war trade. The Export Council and export programme were still functioning.

PHARMACEUTICAL SOCIETY of IRELAND

The overcrowding of pharmacy, the work of the Special Consultative Committee, and abuses under the 1908 Pharmacy Act were among several important matters discussed at the annual meeting of the Pharmaceutical Society of Ireland, which was held at 67 Lower Mount Street, Dublin, on October 13, Mr. P. C. Cahill (the president) in the chair. At the outset of the proceedings The President said: "Pharmacy has very recently lost one of its most distinguished members in the death of Dr. James A. Mitchell. He was not only a very distinguished chemist but a very lovable man. Dr. Mitchell was a perfect gentleman, kind, courteous, sympathetic, and understanding. He was a member of our Council since 1923 and your representative on the Government's Therapeutic Substances Committee. He was held in very high esteem by all of us, and I will ask you to rise as a mark of respect to his memory." The members then rose and paid silent tribute to the late Dr. Mitchell.

Election Result

The Registrar (Mr. J. J. Kerr) reported that the result of the recent election as returned by the scrutineers of the ballot was as follows: F. J. Fitzpatrick, 215; the late Dr. J. A. Mitchell, 211; Alderman J. F. Costello, 202; Sir T. Robinson, 198;M. J. Kieran, 197; Miss F. M. Flood, 194; D. W. P. Boyd, 187; A. R. Lester, 135. Of the 696 voting papers sent out 260 were received. The President said that acting on the advice of senior counsel he declared the following surviving members elected to the Council: Messrs. Fitzpatrick, Costello, Robinson, Kieran, Boyd, Lester, and Miss Flood. In connexion with the election he would like to mention that he had received several complaints from members who were not aware of the date of the closing of the poll. There seemed to be no doubt that everything in connexion with the election was carried out strictly in conformity with the rules and regulations of the Society. It was perhaps a mistake not to print the date of the closing of the poll on the ballot paper, and to avoid any misunderstanding in the future it was proposed to adopt that procedure.

Presidential Address

THE PRESIDENT then delivered his address, in the course of which he dealt with events of outstanding importance. Mr.

Cahill first referred to pharmacy's contribution to the national emergency services set up during the past eighteen months. In the city of Dublin every pharmacy was offered as an emergency first-aid station.

Over eighty chemists and qualified assistants have volunteered for duty at the city's official first-aid depots. As a result of the special lectures held here some seventy licentiates and thirty assistants qualified for the Red Cross Society's certificate. Most of those so qualified are at present attending a course of advanced first-aid lectures also under the auspices of the Red Cross Society. While that is the position in Dublin it is typical of what has happened throughout the country. Despite the fact that chemists in the main have very little free time a very large number are actively associated with L.D.F., L.S.F., Knights of Malta, St. John Brigade, Red Cross, A.R.P., and other forms of national activity. In many instances members hold responsible positions in these organisations and in some cases are in control of county sections. Chemists, by reason of their dual system of training, are well fitted for executive responsibility. A number of licentiates were recently appointed by the Army authorities as command chemists with appropriate commissioned rank. This is in keeping with the promise made to the Council some years ago by the then Minister of Defence and creates a very satisfactory state of affairs.

Improving Irish Pharmacy

Continuing, The President said: "You will recall that some months ago the Council set up a special consultative committee to devise ways and means of improving the position of Irish pharmacy. This committee consists of members of the Council and of the Irish Drug Association and not only has it the support of that body but we are fortunate in having as its representatives the president (Mr. P. F. McGrath) and vice-president (Mr. F. X. Meagher). The work of the committee consists of three phases: (a) Investigating actual or suggested handicaps; (b) suggesting suitable remedies for these handicaps; (c) devising ways and means whereby the recommendations of the committee might be achieved. The committee invited the views of the Dispensers' Union, the Druggists' Association and the Chemists' Assistants' Union, Already we have

received views in writing from the first two organisations and we are arranging to meet representatives from these bodies to discuss in greater detail the particular problems in which they are interested. We are also anxious to have views and comments from members and from the various local associations throughout the country. Here are some of the twenty-five points which have already been proposed for the committee's consideration: (1) Regulate entry into pharmacy; (2) devise a standard system of training of apprentices; (3) disciplinary powers over licentiates and students; (4) limitation of pharmacies; (5) restrictions on distribution of medicinal preparations.

Local Help Sought

"I would urge local associations to debate and examine these and other points and to send their conclusions in writing to the committee. You will agree that this committee has a great deal of important work to do and it may be another six or eight months before it is in a position to make any concrete proposals to the Council. It may be necessary to seek legislation to attain some of our objects and should this be so we have a very good claim on the legislature. The State, in the public interest, demands a first-class pharmaceutical service and it imposes serious responsibilities and obligations on the chemist. The State has a duty to the men and women providing this service and should extend reasonable protection to enable them to earn a livelihood in keeping with their responsibilities and professional qualifications. The privileges granted to the chemist under the 1875 Act may possibly have represented equitable compensation sixty-five years ago. They are not at all in keeping with the responsibilities or conditions of 1941. I am confident that the work of the consultative committee will result in some improvement in Irish pharmacy but it would be foolish to hope that it will enable the Council to achieve a pharmaceutical paradise.'

MR. CAHILL went on to deal with the substantial increase in the number of apprentices seeking registration. During the year, 205 preliminary registrations were granted against 126 for the previous year. From figures compiled by the Registrar, there are no less than 600 registered apprentices. It is essential that some solution of the problem be found before complete chaos results. The proposed limitation to one apprentice per qualified person was ruled by the Minister

as ultra vires. At an early date the Council will consider the feasibility of establishing a pre-registration examination.

Educational Standards

After referring to the fact that medicine has changed out of all recognition in the last fifteen or twenty years, The President said: "We would be lacking in our duty if we did not see to it that the licentiate of the future should by education and examination possess a reasonable knowledge of the processes by which biological products are prepared, that he should have something more than a nodding acquaintance with biochemistry and physiology." He suggested this matter be investigated by a small group of experts. Some fifty students passed the licentiate examination during the year and there are now 1,465 licentiates on the Register, which number is twenty-nine less than last year. There were twenty-one removals under section 25, which accounts for most of the reduction. Membership at 671 shows an increase of seventeen and is the highest in the Society's history. There was an increase of thirty-one in the number of qualified assistants, which now stands at 835. The majority of these are also qualified chemists.

In dealing with the Benevolent Fund MR. CAHILL said: "We received about £300 of which no less than £180 came to us as a result of the activities of the special dance committee. We are all under a deep debt of gratitude to Mr. Frank Roche and his committee for this magnificent sum. Were it not for the hard work and enthusiasm of this committee it would not have been possible to meet all the calls made on us during the year.

Poisons Control Problems

"The position under the 1908 Act remains very unsatisfactory. The Act states that before granting licences the local authorities must take into consideration whether reasonable facilities for the purchase of poisonous substances are already available and it will be generally agreed that there is very little necessity for the Act to-day. Despite that, it would appear that licences in some counties are granted without any regard for the conditions of the Act. That the obligations attached to the licence are completely disregarded in many instances is evidenced by the large number of prosecutions taken by the Council in recent years. If the licensing authorities complied with the conditions and terms of the Act we would, I think, be quite satisfied." In

conclusion, Mr. Cahill paid tribute to the work of Mr. Kerr and to Miss Hyland (Mr. Kerr's assistant).

Discussion

Mr. G. O'Neill, Blackrock, said he wished to speak on the question of the election. As one who took an average interest in the affairs of the Society, instead of having the election on one day, and the annual meeting on another day he held that by implication, and tradition, the election should have taken place on that day. He would have put down a notice of motion on this matter were it not that it was only seven days ago since he discovered he was late for the poll. An amendment was made to the statutory regulations changing the annual meeting to the Monday before the second Tuesday in October, and he was working on the assumption that the change was made for the benefit of country members so that they could attend the annual meeting there that night, and be here for the Council meeting tomorrow. He would advise Councillors-whether from the City or the country-that if there was a conflict between the convenience of the electorate and their own they should set aside their own convenience in favour of the electorate. Having quoted in detail from the regulations affecting the election and changing the annual meeting, Mr. O'Neill said "I demand that the necessary legislation be brought in without delay to have the clection and the general annual meeting on the same day" (applause). Mr. J. Gorry, Naas, said he had intended

Mr. J. Gorry, Naas, said he had intended to send forward two notices of motion for this annual meeting but he received the notice summoning the meeting on Friday, September 26, although it was open to send in notices of motion up to the following Monday. They should make a note to change Regulation 8 on page 58 if the

procedure was to be altered.

The Registrar said if any notices of motion were received they would have been circulated. Actually they had put a notice on the Agenda "Notices of Motion," but none had been received. Mr. F. X. Meagher, Dublin: The Regulation says "which notice must be inserted in the summonses convening such meeting." Mr. O'NeIll: That's why I must demand that the election day and the annual meeting should synchronise. Mr. M. Costello, Dublin, said he, too, was in the same position as Mr. O'Neill. He examined the paper to find the date of election but could find none.

As a business man he could not be expected to have the time to be looking up rules and regulations. He took it for granted that the election was on the date of the annual

meeting.

MR. M. O'BREATHNACH: I propose that a vote of censure be passed on the Council. MR. O'NEILL: I second that. MR. DAVID MURPHY, Dublin, asked if the election were valid, since it was suggested it was not carried out according to the statutory rules. MR. O'NEILL said he was not in any way questioning the validity of the election. MR. C. Collis, Dublin, asked how many voting papers had been received since the date of the poll. The President replied that about 100 papers had been received since Monday, October 6, and that date. MR. O'NEILL: My point is that the Council should consider the electorate.

The President Explains

THE PRESIDENT: I agree with you that members have a grievance in this matter, and I think many members of the Council will also agree with you. I think in the past members had reminders from candidates telling them of the date to send in their papers. Before the date there were also reminders in The Chemist and Druggist. When this thing cropped up first I got in touch with Mr. Kerr and said, omitted to put the date of polling on the paper." Mr. Kerr pointed out that there was no provision in the Act to that effect, and that he had acted in accordance with it. I feel members have a certain grievance and I have no doubt that the Council will be prepared to rectify it so that an occurrence of this kind will be prevented. There was nothing done deliberately on the part of the Council. I can assure you I am anxious to have an election and see members exercise their votes.

Mr. Gorry said they were told members should take a greater interest in Council affairs but the Council did not help them very much. Mr. O'Neill: The present position has only existed since 1937. Even after launching this attack I would like to have the privilege of proposing a vote of thanks to our popular president. Mr. Cahill has undoubtedly the interests of pharmacy at heart. His father before him was a chemist and no one has a better tradition. I only hope that the chair will be as ably filled in successive years, and that we will always have men of the standard of Mr. Cahill (applause). Mr. F. Storey, Belfast, seconding the vote of thanks, said he did so very enthusiastically, as he had known

Mr. Cahill for a long time and was aware that he had always taken a very deep interest in pharmacy and chemists all over the country. It was good to hear people coming forward and speaking their minds instead of grousing elsewhere. There was no doubt about it the old Act was badly out-of-date, but there were those who would probably say "Let well enough alone." Up North they had legislation introduced which they thought was an improvement on the old Act. It was time to have some improvements in the Act in Eire, but the whole trouble was to get an agreed Bill. He heard the president mention that pharmacists had obtained commissioned rank in the Eire Army. He believed chemists had not obtained that rank anywhere else except on the Continent. That was a step in the right direction. plethora of apprentices was also mentioned. They had the same position in the North. When the entrance examination was raised the country chemists opposed the change, but ninety per cent. of the apprentices with the higher entry qualification came from the country. The matter was one that would have to be gone into carefully. With regard to the Society he would like to see a greater number of the licentiates members. The present number was not a great encouragement to the members of the Council to do their best for the profession.

Co-operation Needed

Mr. D. Murphy, supporting the vote of thanks, said if chemists themselves cooperated there would be no surplus of apprentices. Looking around that meeting he noticed very few young chemists. Within the last few years hundreds had qualified, but he felt they got no support or co-operation from the Council. In many public institutions throughout the country nurses and porters were employed dispensing medicines instead of qualified compounders. He would like to know if the Council was doing anything to rectify that. Another sore point was the fact that no chemist had a chance of a public appointment unless he was ten years qualified. The Council should see that that regulation was amended so that a man who got qualified could stand on the same footing as other chemists. Everybody knew that the business was overcrowded, but there were several posts to be filled within the next few years and young chemists should be able to compete for these openings on equal terms. With regard to apprentices every chemist should be allowed only one apprentice; any more was just cheap labour. The number of apprentices would be brought down if every chemist gave his word to employ only one, and the Council saw to it that this was done. The Council had some responsibility in this matter, because most of those young people went through their course in the Society's school, and what had they in the end?—a lot of them were drawing unemployment money whilst there were jobs to be filled in the hospitals. The Council should make a move in this direction (hear, hear).

Tributes to President

Mr. J. A. O'ROURKE said he would like to join in the tribute to the president for his stimulating address. He would like also to support what Mr. Murphy had said. They must have a social sense of co-operating for the common good. In connexion with the abuse of a chemist taking three or four apprentices, it seemed to him there was little use in waiting for legislation to remedy that state of things. He suggested that they should publish a list in the trade Press of those who had more than the agreed number of apprentices, and if that did not help, to publish the list in the daily Press, and advise parents against sending their children to such areas. The Council should issue an appeal asking each chemist to give a promise to abide by the generally accepted rules. He believed that much good would result from the work of the Consultative Joint Committee and that the members of the Society should take a great interest in Finally he would suggest that the Council send out a circular to every chemist having more than one apprentice to fall into line with the general policy for the common good.

THE PRESIDENT said Mr. Storey had mentioned the question of legislation. The fact was the Consultative Committee had this matter under consideration for its last few meetings and they were all looking forward to its recommendations. The Committee might prove to be against seeking legislation, but if they could achieve their object in another way it would be all to the good. With regard to membership of the Society the percentage of members was much higher than it had ever been in the Society's history. Quite a number of their licentiates lived in Northern Ireland and were members of the Northern Society. It would hardly be fair to expect them to contribute to two Societies. Then there were a number of licentiates in Great Britain and other parts of the world. The

question of staffing the hospitals with qualified dispensers had been brought up. The Council was aware of the position and was very anxious to do anything possible to remedy it, but as they were all aware the Irish Dispensers' and Compounders' Association had made a very close study of the problem and was devising ways and means of dealing with it. Already this Association had sent a long memorandum to the Consultative Committee, and would be sending a deputation later to discuss the matter. Regarding the qualification of ten years' experience for chemists seeking public appointments, that was not a regulation of the Society, but was a matter for the Local Appointments Commission.

Misguided Appointments

Mr. FITZPATRICK said he knew of a case in which thirty-nine persons went up for an appointment and a man with seventeen or eighteen years' experience was turned down in favour of a young lady from Cork. The Appointments Commission and not the Council were the people concerned. Sir T. Robinson, also supporting the vote of thanks, said they never had a president give more energy or greater attention to the office than Mr. Cahill. He had been a courteous, kind, able and efficient president, and was entitled to their very best thanks for his conduct in the chair (applause). The motion was carried with acclamation.

Mr. Fitzpatrick, replying to the point raised by Mr. O'Neill, said the date of the election was fixed by Section 8 of the Act of 1875, and the date of the annual meeting was fixed by regulation. So far as he could recollect the date of the Society's annual meeting clashed with the annual meeting of the Irish Drug Association, and the Council at the time changed the date so as not to have the two annual meetings at the one time. It was a question for the Council to decide where the balance of convenience lay; whether the election day or the day before the October Council meeting was the most suitable for the annual meeting. The matter could easily be settled by regulation of the Council. Mr. Scott said Mr. Fitzpatrick's recollection was right. The annual meeting of the Irish Drug Association was held then on the first Monday in October but it had now been changed to January.

Treasurer's Report

Presenting his report as treasurer of the Society, Mr. Fitzpatrick said in submitting the balance sheet for 1940 he thought it

might be of interest to compare the figures of this year with those of ten years ago. The surplus in 1931 was £432; the surplus in 1941 was £1,271. The surplus this year might seem large, but he thought it only right that the members of the Society should know that they were faced, for the first time, with a demand for income tax on registration fees (although Counsel for the State distinctly stated at the hearing of the last income tax appeal that registration fees were not taxable). The amount demanded in this regard was about £517. Preliminary registrations account for £861 of the surplus, an increase over last year of £344 8s. If members insist on taking apprentices, this surely increases Society's income for the moment, but the aftermath, in his opinion, will be a bitter one. Salaries show an increase of about 25 per cent.; this increase is justified by the fact that although costs have increased to a very great extent, the expenditure figures (which of course include these salaries) show a decrease of £46 over those of ten years ago. This satisfactory state of affairs is due to the loyal co-operation of the Council, careful planning by the Registrar and staff, and avoidance of waste.

Capital Increase

The Society's capital has increased by some 18 per cent., although investments are less by about 8 per cent. It should be borne in mind that the Society's premises have been rebuilt and re-equipped during the period under review, at considerable cost. The balance sheet shows that investments have appreciated in value since purchased. In conclusion, he paid tribute to the Registrar for his loyal co-operation and helpful advice in making his (Mr. Fitzpatrick's) task as honorary treasurer an easy one.

Benevolent Fund

Reporting on the state of the Benevolent Fund, Mr. FITZPATRICK said he was happy to be in a position to pay tribute to those who worked on behalf of the Fund. During the year the amount distributed in grants totalled £160 15s. 6d. The interest on investments came to £54 4s. 6d. If it were not for the magnificent efforts of the Dance Committee, which raised £178 15s. 6d., they could not have paid out the grants they did to meet cases of urgent need. He hoped that in the years to come the Dance Committee would continue this good work. The approximate market value of the Fund's investments stood at the fine figure of £2,265. When he started the Fund first

he set out to get £1,000, because he did not think it was possible to get up to £2,000. He hoped those who came after him would

raise the Fund to £10,000.

MR. O'NEILL said he hoped the Council would fulfil a promise given to him in connexion with previous dances, and that was that it would stand behind the Committee who were organising this year's dance. Mr. FITZPATRICK said that point could be taken up but he had no authority to pledge the Council's funds. On the motion of Mr. M. O'CALLAGHAN, seconded by Dr. John J. Mackey, a vote of thanks was passed unanimously to Mr. Fitzpatrick for his report, which was adopted.

Poisons Licences

Mr. Gorry raised the question of the operation of the 1908 Act, and said a number of travellers were going through the country selling sheep dip direct to the farmers, while licences under the Act were granted freely by the county councils to any shopkeeper who put down the money. In Dublin City alone twenty-four licences were granted, but in the country towns it was even more serious than that. Was it possible, he asked, for the manufacturer of arsenical sheep dip to sell direct to the farmer and have a book signed which was not a Poisons Book but an order book? In addition, was it possible to have such sales made by a traveller who was not a qualified man at all? He claimed it was not possible for any traveller to sell arsenical sheep dip without breaking the law, and ninety-nine per cent. of the qualified chemists would back him on that. He understood dip containing arsenic had to be sold on the premises of a chemist or druggist, or on the premises of a shopkeeper licensed under the 1908 Act. Mr. M. V. SARGENT, Dublin, said the loophole lay in the fact that the 1908 Act did not deal with the wholesale trade.

Thanks to Mr. Kerr

Mr. J. K. Whelehan, Mullingar, moving a vote of thanks to the Registrar for his work during the year, said Mr. Kerr was always ready to help anyone in difficulty. MR. M. J. KIERAN, Drumshambo, seconding, said Mr. Kerr had most things connected with pharmaceutical procedure at his finger tips. Mr. M. O'Breathnach associated himself with the motion. He thought Mr. Kerr should have got more support from the Council in this matter to place it on a practical basis. If an emergency arose and the dispensing service broke down, it was not the Corporation or Government authorities would be blamed, but the chemists. The vote of thanks was passed with acclamation and responded to by Mr. Kerr.

The President, bringing the meeting to a close, said the various matters raised would receive the attention of the Council. The particular matter raised by Mr. Gorry and Mr. Sargent regarding the 1908 Act was down for discussion by the Consultative Committee. Next year he hoped they would have a report of very useful work done by this Committee.

TRADE MARKS

(From "The Trade Marks Journal," September 24, 1941)

"ZOMORTH"; for moth destroyers (5) (IV). By F. Mitchell, 55 Darley Street, Bradford.

615,365.

"Askoban"; for plasters, bandages and dressings (5) (IV). By J. Edwards, 56 Osborne Road, Ashton-in-Makerfield, Lancs.

"GREXIT"; for moth destroyers (5) (IV). By S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet. 615,839. "Avlon"; for pharmaceutical, veterinary and

SAVION"; for pnarmaceutical, veterinary and sanitary substances, and disinfectants (5) (IV). By Imperial Chemical Industries, Ltd., Wexham Road, Slough. 615,113.

"5 STAR" (numeral "5" disclaimed); for stomachic preparations (5) (IV). By Meggeson & Co., Ltd., Llewellyn Grove, Bermondsey, London, S.E.16. 615,709.

"HUMAIL"; for medicinal preparations (5) (IV). By F. J. V. Harverson, 6 Meyrick Street, Pembroke Dock. 615,850.

Pembroke Dock. 615,859.

"ARISTOC"; for surgical knitted goods (10) (IV). By Aristoc, Ltd., North Street, Langley Mill, Notts. 612,290. (Associated.)

"Spa"; for toothbrushes (21) (IV). By J. Freeman & Co., Ltd., Forest Brush Works, Alma Road, Chesham, Box 850.

Alma Road, Chesham. B614,895.

COMING EVENTS

Thursday, October 30

CHEMICAL SOCIETY, Burlington House, Piccadilly, London, W.I, at 2.30 p.m. Dr. C. Redfarn on "The Constitution of Plastics."

Saturday, November 1

GUILD OF PUBLIC PHARMACISTS, Pharmaceutical Department, Guy's Hospital, St. Thomas's Street, London Bridge, London, S.E.1. Open to inspection, 2.30 to 4.30 p.m. (The Department has recently been rebuilt and re-equipped and contains several features of interest to hospital pharmacists).

TRADE NOTES

STANDARD-SIZE SOAPS.—Yardley & Co., Ltd., Sackville House, Piccadilly, London, W.I, give details in this issue of the prices of their various toilet and bath soaps in the new standard 3-oz. and 6-oz. sizes.

Hone for Razor Blades.—A profitable hone for safety razor blades—the Joyshave—is brought to the notice of chemists by the distributors: Ricoman, Ltd., Dept. C.D., Commonwealth House, 17 New Oxford Street, London, W.C.I.

Selling Agent Wanted.—An unusual opportunity to take over the sales organisation of an important proprietary is offered in an advertisement in this issue by the makers of Medipeat: Medipeat, Ltd., 110 Fleet Street, London, E.C.4.

LIMITATION WITHDRAWN.—It is announced by Eucryl, Ltd., Southampton, that as the Limitation of Supplies Order has recently been withdrawn from operation on denture powders, full supplies of Eucryl denture powder are now available.

COSMETIC' SERVICE.—A unique offer is made by Mr. R. Douglas-Ashbee, 189 Regent Street, London, W.1, in the Coloured Supplement of this issue, to chemists who are experiencing difficulties in formulating or compounding their own cosmetics.

Showcard Distribution.—Specimens of showcards that are being distributed to retailers by H. R. Napp, Ltd., 3 and 4 Clements Inn, London, W.C.2, have been received by the Editor. They draw attention to the firm's specialities, and are available to pharmacists free of charge on application to Messrs. Napp.

Extra Discount on Small Parcels,—After having been presented in a new packing in keeping with modern ideas on display, Dinneford's fluid magnesia and magnesia tablets are being offered by the distributors (Macleans, Ltd., Great West Road, Brentford, Middlesex) at best display terms for a specified parcel, together with an extra discount, until December 31.

PRICE REDUCTIONS.—Roche Products, Ltd., Broadwater Road, Welwyn Garden City, Herts, announce price reductions affecting Ephynal (3 mgm. tablets), Prostigmin ampoules, Prostigmin concentrated solution, Ephynal Forte tablets, to take effect on November 3. Ephynal and Ephynal Forte tablets are exempt from purchase tax, and Prostigmin ampoules and concentrated solution will be free from tax after November 3. Full details are

obtainable from the pharmaceutical sales department of the company.

Proprietary Articles Trade Association

Addition to Protected List.—Addis Brushworks, Addis Wisdom Junior tooth-brush, 1s. 6d., 1os. 9d. doz., tax 3s. 6d. doz., inclusive retail price 1s. 9½d.

Alterations.— Ayrton, Saunders & Co., Ltd., P.K.L. (Pain-killing liniment), 1s. 7½d., 13s. 6d. doz., tax 2s. 3d. doz., i.r.p. 1s. 1od.; bonus of six bottles on orders of six doz. Ayrton's patent safety teat, 7½d., 5s. 6d. doz. (exempt from purchase tax).

Allcock Manufacturing Co., 2s. 6d. size Allcock's porous plasters is withdrawn. Other prices for former unstamped pack remain unchanged.

Bleasdale, Ltd., Bleasdale's Minaret ball-room floor-polish, 1s. 6d., 12s. doz. (exempt from purchase tax).

Evans Sons Lescher & Webb, Ltd., Evans throat pastilles, 7d., 5s. 3d. doz., tax, 10½d. doz., i.r.p. 8d.; 1s. 2d., 11s. doz., tax 1s. 1od. doz., i.r.p. 1s. 4d.

H. & T. Kirby & Co., Ltd., Purgen, is. $1\frac{1}{2}d$., 9s. 9d. doz., tax is. $7\frac{1}{2}d$. doz., i.r.p. is. 3d.

Burgoyne, Burbidges & Co., Ltd., Vio-ray malt, 2s. 15s., doz.; 3s. 6d., 27s. doz. (exempt from purchase tax).

St. Andrew Mills, Ltd., Camelia sanitary towels, size o, Ideal or Special, 1s. 4d., 12s. doz.; Size 1, Modern or Popular, 1s. 6d., 13s. 6d. doz., Size 2, Standard, Favourite or Vanderised, 1s. 11d., 17s. 3d. doz. New junior size, 1s. 2d., 1os. 7d. doz.

Deletions.—Gilmour, Templeton & Co., Ltd., Temporary withdrawal of Raz-Mah. Horlicks, Ltd., Horlicks tablets and glass mixers. Lysol, Ltd., Amphyl antiseptic. McCaw, Stevenson & Orr, Ltd., Firmas. Leslie Martyn, Ltd., Pylkure treatment. Oatine Co., Oatine balm, tooth-paste, talc powder, face powder, shaving sticks, shaving cream, shampoo powders, and brilliantine, Artoral.

Correction.—Reade Brothers & Co., Ltd., Express powders and tablets, eight powders or sixteen tablets, 1s. 1½d., 9s. 3d. doz., tax 1s. 7½d. doz., i.r.p. 1s. 3d.; twenty-two powders, 2s. 8d., 24s. 3d. doz., tax 4s. 3d. doz., i.r.p. 3s.; forty-five powders (broken bulk), 48s. 6d. doz., tax 8s. 6d. doz.; 112 powders (broken bulk), 12os. doz., tax 21s. doz. Single powders, 2d. each. Parcels value £2 1os. less 10 per cent.

PERSONALITIES

Mr. J. L. Wrathall, M.P.S., Beckenham, has been appointed organising secretary to the Unichem Association in succession to Mr. J. W. Walmsley, who has resigned to take up another post. Mr. Wrathall is disposing of his business at Beckenham in order to devote his whole time to Unichem affairs.

MR. J. S. WALMSLEY, M.P.S., has recently been appointed secretary of the Proprietary



Mr. J. S. Walmsley

Association of Great Britain, Mr. Walmsley was educated at Preston Grammar School and served his apprenticeship in Preston. He studied at the Liverpool School of Pharmacy and qualified in 1931. He held managerial positions in Liverpool until 1934, when he entered business on his own account Bolton in 1934, taking an active part in pharmaceutical affairs, and being

appointed secretary of pharmaceutical organisations in the area. In 1940 Mr. Walmsley was appointed secretary to Unichem, Ltd., and organising secretary to Unichem Association. He was elected to the Bolton Town Council in 1938, and served on the public health and other committees in the town until moving to London.

Mr. F. G. Jameson, B.Pharm., Ph.C., manager of Matthews & Wilson, Ltd., manufacturing chemists, Cole Street, London, S.E., is now serving in the ranks of the Royal Navy, for which he has volunteered. His assistant, Miss W. M. Biggs, has been appointed deputy manager for the duration. The factory will remain under the supervision of qualified chemists.

DEATHS

Barnes.—On October 15, Mr. Allan Barnes, M.P.S., 75 Victoria Road, Cleveleys, Blackpool, aged forty-five. Mr. Barnes's death occurred suddenly, he having taken part in a social event the previous evening. He served on the committee of the local branch of the Pharmaceutical Society, and in 1938 was president of the Blackpool Branch, Photographic Dealers' Association.

DURBIN.—The crowded congregation in the Surbiton Hill Methodist Church, on October 17, at the Memorial Service to the late Alderman H. S. Durbin, was an eloquent tribute to his popularity. The gathering was representative of all classes of the community and among the various bodies represented were the municipality, the Chamber of Commerce, the Rotarians and the Thames Valley District Pharmacists' Association. Members of the Association who were present included the president (Mr. A. Griffiths), the secretary (Mr. Norman Dewey), and Messrs. Clement (Hampton), Davis (Malden), Leonard Higgs (Kingston), Roche, Chalmers, Graves, Kennet and Slade (Surbiton).

Kenningham.—In South Africa, Mr. J. A. Kenningham, formerly a secretary of the Proprietary Articles Trade Association.

STANLEY.—Recently, Mr. James Stanley, chemist and druggist, aged seventy-five. After being at the General Dispensary for a large number of years, Mr. Stanley commenced business on his own account at Bulwell.

Wilson.—At 76 Stamford Street, Blackpool, on October 18, Mr. Harry Wilson, F.I.C., Ph.C., formerly governing director of Randall & Wilson, Ltd., wholesale and retail chemists, Southampton. Mr. Wilson was born and educated at Southport and apprenticed to Mr. J. C. Thresh, Buxton. He afterwards gained further experience with George & Welch, Worcester, and in the laboratories of James Woolley, Sons & Co., Ltd., Manchester. He passed the Major examination of the Pharmaceutical Society in 1885 and entered into partnership with Mr. W. B. Randall, of Southampton, in 1894. On the latter's death in 1902 the business was converted into a limited company with Mr. Wilson as chairman of the directors. In the year in which the business became a limited company, Mr. Wilson passed the Fellowship examination of the Institute of Chemistry and about the same time he was on the Formulary Committee of the British Pharmaceutical Conference. From 1915 to 1919 he was a member of the Pharmaceutical Society's Board of Examiners and in 1917 he was selected as examiner for the Council's Pereira medal and prizes. Membership of the British Association for the Advancement of Science and of the Royal Southampton Yacht Club might well have been sufficient to fill the remaining hours of an already strenuous life, and yet in 1922, and just previously, Mr. Wilson acted as chairman of four interviewing boards under the Ministry of Labour. He retired from business in 1927.



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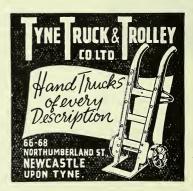
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Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of The Chemist and Druggist, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

CHEMIST AND DRUGGIST

ESTABLISHED 1859

RETAILER — WHOLESALER — MANUFACTURER

rculates throughout the Pharmaceutical, nemical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied ades and Industries in Great Britain, Eire, ne British Empire and foreign countries

flicial organ of The Pharmaceutical Society of eland, The Pharmaceutical Society of Northern eland, The Chemists' and Druggists' Society of eland and of other Chemists' Societies in the Empire

DL. CXXXVI OCTOBER 25, 1941

NO. 3220

NOTICE

he fact that goods made of raw materials short supply owing to war conditions are tvertised in this paper or described in its itorial columns should not be taken as an dication that they are necessarily available rexport.

ontrol of Sugar Confectionery

COMPREHENSIVE scheme for the control prices and distribution of sugar confeconery is shortly to be put into operation the Sugar Confectionery (War-time) ssociation, acting on behalf of the Ministry Food. Details of the project are given on o. 117 to 120 of this issue. Briefly the heme involves classifying confectionery to specified groups each at a fixed price, e maximum being 4s. per lb. retail. ckets showing the grades and prices have be supplied by manufacturers and hibited by retailers; both parties have preserve invoices-presumably as a check "black market" transactions. The mainnance of these records will involve more ook-keeping difficulties.

The first problem that will arise in the inds of chemists and chemists' confectorery manufacturers is how is it possible r many of the products which will be imprised within the term "medicated" be sold at the proposed maximum price? little light is thrown on the conundrum a Memorandum on Goods Made by anufacturing Chemists issued by the sociation. According to this document,

such products are divided into three classes as follows:—

- (1) Goods which are in the British Pharmacopæia and are distributed entirely through chemists. These do not concern the Sugar Confectionery (Wartime) Association.
- (2) Goods which have been adjudged Confectionery by the Ministry of Food but which are distributed wholly through chemists. This class of goods is bound by the maximum price assigned by the Sugar Confectionery (War-time) Association, but all jurisdiction over distributors' margins is waived.
- (3) Goods which have been adjudged confectionery and distributed in part or whole through the confectioners are bound in their entirety by the Sugar Confectionery Price Control Scheme.

That the Association does not concern itself with goods in the Pharmacopæia and distributed through chemists is perhaps on the principle of de minimis non curat lex, as there are only six official trochisci. The British Pharmaceutical Codex contains more than double that number, as well as some formulas for pastilles, while the C. & D. Price List a few years ago included a list of over eighty lozenges and eleven pastilles. The difficulties over these products can no doubt be surmounted, but the second category of goods envisaged by the Memorandum presents many problems.

Chemists' Confectionery

Up to the time of writing it has been impossible to obtain any definite indication as to what confectionery is or is not adjudged to be distributed wholly through chemists, but one thing is quite clear: there are a number of products that should be so classified but which cannot possibly be sold at a maximum price of 4s. per lb. A further difficulty has to do with existing stocks. When the controlled prices are put into operation retailers may not only have to sell some confectionery at a lower profit than they previously obtained, but there will also be the enigma of purchase tax.

The governing body of the Sugar Confectionery (War-time) Association comprises representatives of makers of boiled sugars (Messrs. Pascall, Tavener, Edmondson, and

Barker & Dobson); toffees and caramels (Messrs. Wilkin, Mackintosh, Walters and Sharp); panned goods and lozenges (Messrs. Barratt); liquorice and cream paste (Messrs. Bassett); pastilles, clear gums and chewing gum (Messrs. Rowntree and Maynard); general confectionery (Messrs. Lyons and Meltis); and small manufacturers (Messrs. Dixon and Whitehead). There are a large number of makers of medicated confectionery, and though individually they may -if not must-become members of the Association, there appears to be no one representing their interests on the governing body, which is the authority on whose advice the Ministry of Food acts. In our view a medicated confectionery group with representation on the controlling body is essen-Alternatively, medicated products should be removed from the control of the war-time association's orbit, which is primarily concerned with sweetmeats. The manufacturers of medicated confectionery must act quickly and organise a body which can speak with authority for them. The sooner they can get an association of their own functioning the better, as the time available for negotiation is short.

Lip Salvage

A QUESTION asked in Parliament a few days ago was why women were being more drastically rationed in lipsticks than men and women are rationed in respect of cigars, cigarettes, and pipe tobacco. The logic underlying this question is problematical. If it is right to ration men who smoke, how much more equitable it must be to curtail cosmetics for women who, as the questioner acknowledged, both smoke and use make-up. But the two luxuries are hardly on all fours. Some women may claim they use lipstick altruistically, to please men, while some men would allege that women smoked out of bravado, to impress men. However, if the questioner's thinking was confused, what is to be said of the Minister's reply? "The object of the recent Order," he said (presumably the Order necessitating registration of dealers with a turnover of £500 in cosmetics during a definite period) "does not reduce the quota of supply available to the public. On the contrary, by release of stocks in

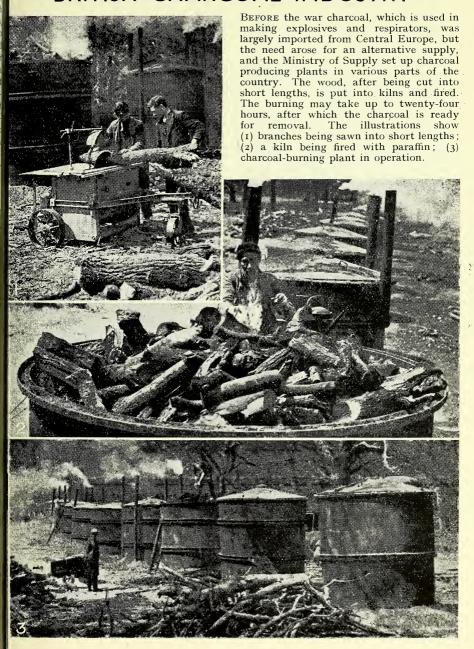
the hands of wholesalers, increased supplie will become available." We may well as the Minister the question: release through whom? Not through existing retailers for if they were doing more than £2,004 worth of business in the standard perior they are already registered; if £2,000 o less, then their twenty-five per cent. quot is only the same as or less than the amoun of business an unregistered retailer is per mitted to do. We can hardly credit tha the President of the Board of Trade pro posed to do a good turn to the Black Marketeers. What then? Our guess, which is as good as the next man's, is that distri bution is to be put in the hands of the White Rabbit of "Alice in Wonderland":

> I gave her one, they gave him two, You gave us three or more; They all returned from him to you, Though they were mine before.

Rubber Prices Fixed

Instructions were issued to the rubbe trade on October 15 by the Rubber Con troller of the Ministry of Supply that unti further notice rubber must not be bought or sold at prices other than those designated by the Controller. It is difficult to see how this development can substantially affect the London rubber market, which, since control was applied to the importation of rubber some months ago, has been concerned mainly with distribution of the commodity in this country, a function that will be retained by dealers. It is understood that the London rubber market will remain open, but there will be no quotations after December. The prices at which rubber wil be delivered at works in the United King dom will be is. $1\frac{3}{4}$ d. per lb. for standard ribbed smoked sheet from European estates and is. 111d. per lb. for native rubber of the same grade. These prices will remain in force until December 31, when they wil come up for reconsideration. Subject to the approval of the Controller, however additional charges may be made for deliveries outside the United Kingdom and Northern Ireland, for special services and for damaged rubber. The new instructions will also apply to dealers' existing stocks and to any shipments that may be afloat.

BRITISH CHARCOAL INDUSTRY



SPEECH DAY AT MANCHESTER

THE Manchester Pharmaceutical Association opened its session on October 15 with Speech Day at the pharmacy department of the University, the president (Mr. E. Berry) in the chair. Mr. Harry Brindle read the report of the department of pharmacy. He stated that the number of students taking the higher examinations (B.Sc. and Ph.C.) had increased slightly. During the year the department had had frequent requests from manufacturers for pharmacists with these qualifications. At the July examinations 72 per cent. of the candidates taking the Chemist and Druggist Qualifying examination for the first time had passed, and candidates in the B.Sc. and Ph.C. examinations had been equally successful. During the year three pharmacists took the M.Sc. degree.

Research

Research was active in the department and two papers had been accepted for publication: "The Preservation of Infusions" and "The Stability of Local Anæsthetics." Other subjects under investigation included the assay of cantharides, action of body enzymes on local anæsthetics, sterilising of oils, production of sterile atmospheres, factors affecting the active principles of belladonna and hyoscyamus, adrenaline for oil injection, syntheses of new local anæsthetics, and special methods of drying pharmaceutical products.

Awards

Mr. H. W. Wallis (treasurer, Pharmaceutical Society) distributed the prizes to the students as follows: Silver medal, presented by Miss Ivy Roberts for highest aggregate in final B.Sc. and Ph.C. course, Frank Fowler. Silver medal, presented by Mr. Harry Brindle for the highest aggregate in Chemist and Druggist course, Barbara Lovell. Prize of books to value of £3 3s. presented by J. Woolley, Sons & Co., Ltd., B.Sc. and Ph.C. courses, Frank Fowler. Prize value £3 3s. presented by Hough, Hoseason & Co., Ltd., for best general performance in second year course, Barbara Lovell. Prize value £2 2s. presented by Oldfield, Pattison & Co., Ltd., Intermediate B.Sc. course, R. Wilson. Prize value £2 2s. presented by the president of the local Association (Mr. E. Berry), second year course, pharmaceutics, Denis Coyle. Prize value £2 2s. presented by the Manchester Pharmaceutical Association, B.Sc. and Ph.C.

course, pharmaceutics, H. F. Grundy. Prize of British Pharmaceutical Codex presented by the Pharmaceutical Society of Great Britain, second year course, second place, Denis Coyle. Prize value £2 22. presented by Thomas Kerfoot & Co., Ltd., second year course, pharmaceutical chemistry, K. W. Dight. Prize value £2 2s. presented by J. H. Franklin (chairman, local branch of the Pharmaceutical Society), B.Sc. and Ph.C. course, second place, J. V. Fairclough. Prize value £2 2s. presented by local branch of the Society to the best student, Intermediate course, Salford Technical College, Eric Swales. Prize value £2 2s. presented by E. Griffiths Hughes, Ltd., second year course, pharmacognosy, Albert Taylor. Prize of B.P.C. presented by Allen & Hanburys, Ltd., first year course, physiology and forensic pharmacy, Constance Wood.

Address to Students

Mr. H. W. Wallis, in an address to students, said they had been handicapped by incidents arising out of war conditions, but they had acquitted themselves with distinction. It was, he said, extraordinary in after-life to find how often the names of fellow students cropped up as chairmen, or as holding responsible positions on public or pharmaceutical bodies throughout the country. Great changes were bound to take place in pharmacy when times became normal. It seemed to him that the rate of alteration would be accelerated. The greatest task of the Society was to plan for the future, basing its work on the report of the Committee of Inquiry, which had completed its labours. There would probably be more State control, and he hoped the rewards would be commensurate with the service they would be called upon to perform. Mr. Wallis concluded with an appeal for the Society's Benevolent and War Aid Funds.

Votes of thanks to Mr. Wallis, proposed by Mr. Franklin, and to the donors of the prizes, proposed by Dr. K. Bullock, were passed with acclamation.

Presidential Address

Mr. Berry, in his presidential address, advised students who had qualified to take the long view, and when possible to proceed to the higher qualification. All were hoping that, when the war ended, men and women of the pharmaceutical profession would be needed to reconstruct the healing services of the nation.

MAXIMUM CONFECTIONERY PRICES

N Order entitled the Sugar Confectionry (Maximum Prices) Order, 1941, dated eptember 15 (S.R. & O., 1941, No. 1435), as been made by the Minister of Food. he text of the Order is as follows:—

I. In this Order:-

(a) "The Minister" means the Minister of Food;

(b) "Approved mark" means in respect of the manufacturer of any classified product a name, number or other mark approved by the Association under the authority of the Minister for the purpose of identifying such manufacturer;

"Approved name" means in respect of any classified product a name or description approved by the Association under the authority of the Minister for the purpose of identifying such product;

"Sugar confectionery" means boiled sugar goods, toffees, panned goods and lozenges, liquorice and cream paste goods, pastilles, clear gums and chewing gum and any other sweet or sugar confectionery;

"Classified product" means a variety or description of sugar confectionery which has for the purposes of this Order been classified by or on behalf of the Minister or by the Association under the authority of the Minister;

"Consumer price" means the price at which any classified product is sold or offered for sale by retail or at which it is intended to be so sold, being a price not exceeding the maximum price applicable thereto under the provisions of this Order;

"Sale by retail" means in respect of any article any sale to a person buying otherwise than for the purposes of resale (including in such resale a sale after processing or manufacture or as part of any other article);

"The Association" means the Sugar Confectionery (War-time) Association.

2. No person shall sell or agree to sell by tail or offer or expose for sale by retail 19 sugar confectionery at a price exceeding to maximum price specified in Part A of the Schedule to this Order, provided that person may so sell or agree to sell or offer expose for sale any product at a price of exceeding the maximum price applicate thereto under Part B of the said shedule where:—

- (a) such product is a classified product, and
- (b) that person has complied with the provisions of Article 3 of this Order.
- 3. No person shall sell by retail or offer or expose for sale by retail any classified product unless he shall indicate in distinctly legible words and figures and so as to be clearly visible to a purchaser or intending purchaser, either upon the wrapper or container of such product or upon a label attached to the product or to the wrapper or container thereof or by means of a label or ticket displayed in close proximity to the product, the following particulars:—
- (a) the number of the product group under which the product has been classified for the purposes of this Order;
 - (b) the approved name of the product;
 - (c) the name of the manufacturer thereof or his approved mark;
 - (d) the consumer price.
- 4. Every trader (including a manufacturer) who delivers any classified product to any other trader shall
 - (a) clearly indicate to such other trader the particulars referred to in sub-paragraphs (a), (b), (c) and (d) of Article 3 hereof by means of distinctly legible words and figures upon, or upon a label attached to, the outside of the outer wrapper or container in which the product is delivered to such other trader;
 - (b) deliver such product marked in such a way, or with such labels or price tickets, as may be necessary to enable a retail trader to comply with the provisions of Article 3 hereof;
 - (c) clearly indicate to such other trader the particulars referred to in subparagraphs (b) and (d) of Article 3 hereof by means of distinctly legible words and figures (subject to any reasonable abbreviation) upon an invoice furnished to such other trader.
- 5. No person (other than a person who has purchased the same otherwise than for re-sale) shall remove, alter, deface, or render illegible any label, ticket or marking on or attached to or delivered or enclosed with any classified product, provided that it shall be a defence in any proceedings under this Article for the defendant to prove that such label, ticket or marking was removed, altered, defaced, or rendered illegible without intent to deceive.

6. Where a product has been classified for the purposes of this Order, such classification may be revoked or amended at any time by or on behalf of the Minister or by the Association under the authority of the Minister.

7. No person shall

(a) sell or offer or expose for sale any sugar confectionery as supplied by the manufacturer thereof mixed with any other such product or with any other article; or

(b) for the purposes of sale alter the composition of any sugar confectionery as the same is supplied by the manu-

facturer thereof.

Provided that the provisions of this Article shall not apply to the sale of sugar confectionery manufactured by a person from material supplied to him by another manufacturer in accordance with trade usage in the sugar confectionery industry or to the use of any sugar confectionery by a person in the manufacture for sale of any product other than sugar confectionery.

8.—(1) Every person who sells sugar confectionery otherwise than by retail shall keep or cause to be kept an accurate record of all purchases and sales thereof by him, such record to include particulars identifying the persons from whom the sugar confectionery was purchased or to whom it was sold and particulars of the quantities thereof purchased or sold as the case may be and the prices paid or charged.

(2) Every person who sells sugar confectionery by retail shall keep or cause to be kept an accurate record of all purchases thereof by him, such record to include particulars identifying the persons from whom the sugar confectionery was purchased and particulars of the quantities thereof purchased and the prices paid.

9. No person shall in connexion with the sale or disposition or proposed sale or disposition of any sugar confectionery enter or offer to enter into any fictitious or artificial transaction or make or demand any unreasonable charge.

10. The provisions of this Order are subject to any licences, authorisations or directions which may at any time be given or granted by or on behalf of the Minister.

11. Infringements of this Order are offences against the Defence (General) Regulations, 1939.

12.—(1) This Order, or any of the provisions thereof, shall come into force on such day or days as the Minister may by

Order appoint, and to the extent specifie in any such Order.

(2) This Order may be cited as the Suga Confectionery (Maximum Prices) Order 1941.

Schedule of Maximum Prices

A. Unclassified products.—At the rat of is. 8d. per lb. net.

B. Classified products.—

Product	Rate per	Product	Rate per
Group	lb. net	Group	lb. net
S. I S. 2 S. 3 S. 4 S. 5	s. d. 1 4 1 8 2 0 2 4 2 8	S. 6 S. 7 S. 8 S. 9	s. d. 3 o 3 4 3 8 4 o

In any case where purchase tax ha become chargeable in relation to any suga confectionery there may be added to the maximum prices specified in Part A of Part B of this Schedule any sum paid is respect of such tax.

Confectionery Association's Statement

The Sugar Confectionery (Maximun Prices) Order, 1941, is supplemented by certain requirements and conditions deter mined by the Sugar Confectionery (War time) Association. In the printed memo randum issued to its members the Association describes the Order and conditions a forming a comprehensive scheme of pric control for sugar-confectionery product that has been agreed with the Ministry o Food in consultation with representative bodies of trade wholesalers and retailers In its first part the memorandum gives explanatory notes on the Order, as follows

Consumer Prices.—Goods covered by the Order may be sold at consumer prices no exceeding those set out in the Schedule o Maximum Consumer Prices (see above provided that: (a) they have been classified into product groups by the Ministry o Food, or the Association acting on the authority of the Ministry, and (b) certain conditions (referred to below) are observed regarding notification of consumer price manufacturer's name, name of line, and product-group number. Goods not so classified may only be sold at a price not exceeding 1s. 8d. per lb.

Classification.—Goods manufactured by members of the Association have been classified, and members have been supplied ith a record of the product-group number f each line. Non-members may apply to ne Association for membership, and have neir goods classified and recorded, after abmitting the necessary particulars set ut on a form with which they will be upplied.

Indication of Price.—A retailer selling classified product must indicate in istinctly legible words and figures, clearly isible to an intending purchaser, either n the wrapper or container, or upon a abel or ticket displayed in close proximity o the product: (a) the number of the roduct-group, prefixed by the letter "S"; b) the approved name of the product; c) the name (or approved mark) of the nanufacturer; and (d) the consumer price.

Provision of Tickets and Labels by Manuacturers and Wholesalers.—A trader who lelivers any classified product to another rader must: (a) clearly indicate the particulars set out in paragraph 3 (a), (b), c), and (d) on a label attached to the outside of the outer container in which the product is delivered (e.g. on the exterior of 4-lb. weigh-out box of sugar confecionery), and (b) deliver with such product price tickets showing the same particulars. n practice the manufacturer will supply and the wholesaler will pass on. "It will issist the working of the scheme if manuacturers will enclose a suitable number of price tickets in outers which contain 14 lb. or more and are normally split by the wholesaler." No trader may remove, alter, leface or render illegible the price tickets or labels supplied to him.

Invoices and Records.—A trader who delivers any classified products to another trader is required to indicate the name of the line and its consumer price on an invoice furnished to the other trader. Any trader selling other than by retail is required to keep records showing from whom goods are purchased, to whom they are sold, and the prices and quantities involved. A trader selling by retail is required to keep records of goods purchased. "Retailers will probably satisfy this requirement by carefully filing copies of invoices." A trader may not mix lines, mix sugar confectionery with any other article, or alter the composition of finished goods as delivered to him.

Conditions Determined by the Association

The second part of the memorandum discusses the Association's own conditions, which are as follows:—

Manufacturers' Prices to Wholesalers .-The maximum prices at which manufacturers may sell to wholesalers are set out in a Scale of Trade Prices (see below). Where manufacturers, immediately prior to the war, graded wholesale prices according to the quantity of goods ordered, they should continue to give the same allowances. Detailed rules have not been laid down, but any substantial deviation from allowances for quantity that constitutes in effect an increase in price will cause the Association to intervene. A trader who did not, before the war, buy from a manufacturer on wholesale terms, does not, by virtue of the scheme, become entitled so to buy, even though he may be licensed to sell by wholesale under any Order of the Ministry of Food.

Manufacturers' Prices to Retailers.—The highest prices at which manufacturers may sell to retailers are those set out in the column "Wholesaler's Resale Price." Where manufacturers, immediately prior to the war, charged lower prices to retailers for quantity purchases, they are required to continue the same practice on the same broad principles as are outlined in the preceding paragraph.

Wholesalers' Prices to Retailers.—The prices at which goods may be resold by wholesalers to retailers may not exceed those set out in the Scale of Trade Prices under the heading "Wholesaler's Resale Price," except that, when farthings result in the extended amount, it is permissible to charge to the nearest halfpenny above.

Conditions of Sale.—All trade prices in the Scale of Trade Prices are "delivered" or "carriage-paid" prices, and are subject to deduction of customary cash discounts. Where a manufacturer sells "ex works" or "f.o.r.," the prices must be such that, after addition of an estimated delivery cost, they do not exceed those set out in the Scale of Trade Prices.

Manufacturers are required to print on, stamp on, or affix to, all invoices for classified goods the following conditions of sale:—

It is a condition of sale of goods included in this invoice that the purchaser will not sell otherwise than by retail any classified product at a price exceeding, for chocolate goods, the appropriate maximum price to retailer as set out in the national price schedule issued by the Cocoa and Chocolate (War-time) Association, and for sugar-confectionery goods the appropriate wholesale resale price as set out in the price-control scheme issued by the Sugar Confectionery (War-time) Association. "Classified product" means a product under the

Chocolate and Chocolate Confectionery (Maximum Prices) Order, 1941, or Sugar Confectionery (Maximum Prices) Order, 1941. It is also a condition of sale of the goods included in this invoice that they shall not be sold by retail at prices exceeding the consumer prices shown in the invoice.

Design of Price Ticket.—Manufacturers are required to indicate the consumer price





and product-group number in the standard design already supplied to members. Examples of the design are given above.

New, Altered or Cancelled Items.—No member may offer for sale any goods other than those reported to and classified by the Association. Members may submit additional lines for classification, when the Association will require a sample and cost statement to determine its product-group classification. A special form of cost statement required is obtainable from the Association. Members may not alter weights or prices approved by the Association without prior agreement, and must report any lines withdrawn from sale. Any classification may be amended or revoked.

inCost.—The Changes Association, through its price control subcommittee, will watch changes in costs, and may from time to time agree with the Ministry of Food the maximum prices to be charged to wholesalers, retailers and consumers. Any such agreed changes will be communicated to members, and revised in the Scale of Maximum Prices. "The spirit and intent of price control in a period of shortage is to protect the buyer-the manufacturer when buying his materials, the wholesaler buying from the manufacturer, the retailer from the wholesaler, all leading to protection of the consumer buying from the retailer. We are therefore concerned with maximum prices for definable goods and definable services. We have, however, refrained from rigid and elaborate instructions on quantity allowances, delivery services, cash discounts and the like, but we give one broad rule which will answer most questions. Our maximum

prices for manufacturer, wholesaler and retailer are based on continuance of trad custom so far as circumstances permit, and all who operate in this spirit are assured of our support."

The memorandum ends with the tables:

Maximum Prices and Minimum Margins

1. WEIGHT LINES

	Maximum Trade Price							ESULT.	
	Consumer Manufacturers'		wholesale resale		Wholesaler's % of resale	Retailer's % of consumer	Total % of consumer		
Per qtr.	Pe		Pe		Pe cw			~ %	
qti.	1 s.	$\frac{\iota}{d}$.	s.	$\frac{\iota}{d}$.	s.	d.			1
4d.	149	4	83	0	99	7	16.6	33.3	44.4
$4\frac{1}{2}d$.	168	o	93	4	112	0	16.6	33.3	44.4
5d.	186	8	103	9	124	6	16.6	33.3	44.4
$5\frac{1}{2}d$.	205	4	114	4	137	0	16.6	33.3	44'4
6d.	224	0	126	0	150	6	16.3	32.8	43.8
$6\frac{1}{2}d.$ 7 $d.$	242	8	138	9	164	9	15.8	32.1	42.8
7d.	261	4	151	6	179	О	15.4	31.2	42.0
$7\frac{1}{2}d.$ 8d.	280		165		194	3 8	14.7	30.6	40.8
8d.	298	8	180		209		14.2	29.8	39.8
$8\frac{1}{2}d$.	317	4	191		223	0	14.1	29.7	39.7
9d.	336	8	203		236	4	14.1	29.7	39.6
$9\frac{1}{2}d$.	354		217		251	9	13.8	29.0	38.8
Iod.	373		228		265	3 8	13.8	29.0	38.7
$10\frac{1}{2}d.$ 11d.	392	0	240		278	8	13.7	28.9	38.7
11a.	410		252		292	2	13.7	28.9	38.6
$11\frac{1}{2}d$.	429		263		305	7	13.7	28.8	38.6
IS.	448	0	275	4	319	1	13.7	28.8	38.5

2. COUNT LINES

MA	Maximum Trade Price					RESULTANT TRADE MARGIN		
Per unit	Manufacturer's wholesale per gross Wholesaler's resale per gross		Wholesaler's % of resale Retailer's % of consumer		Total % of consumer			
$\frac{1}{2}d.$ 1d. 1 $\frac{1}{2}d.$ 2d. 2 $\frac{1}{2}d.$ 3d. 4d. 6d.	s. 3 7 11 16 20 24 32 48 72 96	d. 9 6 3 0 0 0 0 0 0 0 0 0 0	s. 4 9 13 19 23 28 38 57 85	d. 6 0 6 0 9 6 0 0 6 0	}16·7	25.0	37.5	

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, October 22

Business in most markets has been steady throughout the week, though the volume of trade leaves much to be desired. Prices generally show a firm tendency, with movements confined to one or two small advances. In Pharmaceutical Chemicals the week has been quiet, with no changes of outstanding importance to record. Business in a few products has been severely restricted on account of the difficult supply position. Citrates are at the advanced prices recorded last week. Guaiacols have remained in fair supply at unchanged rates. Makers' prices for Vanillin are steady at the recent advance.

Crude Drugs

Once again the consuming trades appear to have been responsible for the bulk of the orders passing through these markets. Very firm conditions obtain for most commodities, and the few price changes recorded are all in an upward direction. New high levels are noted for unrestricted Kobe AGAR. Curação Aloes is not on offer. ANTIMONY is still in fair demand and producers are able to dispose of their output. A few bales of Buchu leaves are reported available on spot, but a fairly high price is being asked for them. CLOVES remains firm, although the recent upward tendency appears checked. Derris root is firm and short. Ergot is rather firmer forward, but the spot market is so far unaffected. Supplies of GINGER are poor, and prices show an all-round advance. Matto Grosso IPE-CACUANHA is firmer on spot. Stocks of QUASSIA CHIPS are becoming low, and the position is not likely to improve. SENEGA remains scarce and inclined dearer.

Essential Oils

These products have again been in quiet demand, and few price changes have occurred. Almond is unquoted, on account of the severely restricted supply position. Anise (STAR) is firmly held on spot, and higher prices are again noted. American Cedarwood is again dearer, and supplies at source are reported to be poor. English-distilled Clove is steady at the recent advance. A moderate demand is noted for British-made synthetic-Mustard. Spot

prices of Patchouli are likely to advance on account of the firm position at source.

Exchange Rates on London

Foreign exchange quotations remained steady during the week. The following were Bank of England fixed rates at the opening on October 22: New York, 4·03 dollars; Montreal, 4·45 dollars; Lisbon, 100 escudos; Java, 7·60 florins; Buenos Aires, 17·02 paper pesos; Zurich, 17·35 francs; Stockholm, 16·90 kroner. Annong the free market rates Shanghai remained at $3\frac{5}{3}2$ d. and Madrid at 40·50 pesetas (official) and 46·55 (voluntary).

Pharmaceutical Chemicals

ACETANILIDE.—In good demand, with steady business passing. B.P. crystals, about 2s. 5d. per lb.; powder, id. per lb. extra.

Aspirin.—Makers' prices steady, as follows:—

Ownertites	In containers of						
Quantity	ılb.	4 lb.	7 lb.	14 lb.	28 lb.		
From 1 lb	s. d . 3 $10\frac{1}{2}$ 3 $9\frac{1}{2}$ 3 $8\frac{1}{2}$ 3 $6\frac{1}{2}$ 2 $11\frac{1}{2}$ 2 10	s. d. 3 744 3 642 3 544 3 444 2 944 2 944 2 844	s. d. 3 64 3 54 3 44 2 94 2 88 2 74	s. d. 	s. d. 		

* 8 \times 14 lb. and upwards in one delivery, $\frac{1}{2}$ d. per lb. less. Sale is subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time re-sale is made, and, if converted into tablets, not to sell any number at prices or terms below scale current at time of sale.

Aspirin Tablets.—British makers continue to quote as follows: Under 5,000, 3s. $1\frac{1}{2}d.$; 5,000, 2s. $11\frac{1}{2}d.$; 10,000, 2s. $10\frac{1}{2}d.$; 25,000, 2s. $8\frac{1}{2}d.$; 50,000, 2s. $7\frac{1}{2}d.$; 100,000, 2s. $6\frac{1}{2}d.$; 25,000, 2s. $6\frac{1}{2}d.$; 100,000, 2s. $6\frac{1}{2}d.$; 1,000,000, 2s. $4\frac{1}{2}d.$; 2,000,000, 2s. $3\frac{1}{2}d.$ per 1,000.

BARBITONE.—Firm, with prices varying between 33s. and 36s. per lb. SODIUM BARBITONE.—About 35s. to 38s. 6d. per lb.

Benzaldehyde.—No improvement is apparent in the supply position, and quotations for p.f.c. are at about 4s. 6d. to 5s. per lb.

Benzoic acid.—Supplies continue restricted, with makers' prices nominal at about 2s. 6d. to 2s. 9d. per lb., according to quantity. Sodium Benzoate.—Nominal value would be about 2s. 3d. to 2s. 6d. per lb.

Benzyl Benzoate.—In good demand, with makers reserving supplies for medical purposes. Price remains at about 4s. 6d. to 5s. 6d. per lb.

BISMUTH SALTS.—Makers' current prices are as follows:—

Salt	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than r cwt.
Carbonate Citrate Nitrate,cryst. Oxide Salicylate Subchloride Subgallate Subnitrate	s. d. 11 3 13 4 7 7 15 4 11 9 14 11 12 7 9 11	s. d. 10 9 12 10 7 1 14 10 11 3 14 5 12 1 9 5	s. d. 10 0 12 1 6 4 14 1 10 6 13 8 11 4 8 8	s. d. 8 7 10 4 5 7 12 0 9 0 11 8 9 10 7 6	s. d. 8 4 10 1 5 4 11 9 8 9 11 5 9 7 7 3

Rebate of threepence per lb. allowed off r-cwt. prices on sales of not less than 2 cwt., or against contracts of not less than 2 cwt., provided whole of contract quantity is ordered within three months. Contracts subject to rise-and-fall clause. Prices net; payments in fourteen days. For quantities of 28 lb. and upwards, in the home trade, an extra charge of threepence per lb. is made for r-lb. cartons and r-lb. parcels, even when repacking into cartons or parcels is effected by purchaser. Smaller quantities than 28 lb. are not subject to this extra charge. Under present conditions all prices and sale terms are without engagement.

BORAX.—Steady at makers' prices. For minimum one-ton lots: Powder, B.P., £35 ros. per ton; crystals, £35; granulated, £34, in one-cwt. bags, carriage paid in Great Britain. Commercial grades, £8 per ton less.

Boric acid (B.P.).—No changes have been notified in makers' prices. For minimum oneton lots: Powder, £52 ios. per ton; crystals, £51 ios.; granulated, £50 ios., in one-cwt. bags, carriage paid in Great Britain.

Bromides.—Makers' prices for Potassium are steady at the following figures:—

3 0							
Quantity	In parcels of						
Quantity	ı lb.	4 lb.	7 lb.	14 lb.	28 lb.		
From 1 lb From 4 lb From 7 lb From 14 lb. From 28 lb. 1 cwt. 5 cwt.	s. d. 3 II 3 IO 3 9 3 8 3 7 3 O2 2 II2	s. d. 3 814 3 714 3 614 3 514 2 104 2 94	s. d. 3 634 3 534 3 444 2 104 2 94	s. d. 3 5½ 3 4½ 2 10 2 9	s. d. - - - - 3 4 2 9½ 2 8½		

Sodium, id. per lb. extra; ammonium, 3d. per lb. extra; packing extra but returnable. Net. Carriage paid in United Kingdom on minimum one-owt. lots. Contracts over six months: each delivery against contract to be charged at schedule rates current on day of dispatch. War-emergency clause and usual re-sale terms apply.

CITRATES.—As noted last week, prices have been advanced. Potassium, B.P.—28 lb. to 1 cwt. (28-lb. parcels), 2s. Iod. per lb.; 14 lb. to 28 lb. (14-lb. parcels), 2s. I1½d.; 7 lb. to 14 lb. (7-lb. parcels), 3s. o¾d.; 4 lb. to 7 lb. (4-lb. parcels), 3s. 2½d.; under 4 lb. (1-lb. parcels), 3s. 5d. per lb. Sodium, B.P., one penny lb. below, and Iron and ammonium (scales), B.P., threepence per lb. above corresponding prices for Potassium, B.P. All prices are net, and packages are charged extra.

Guaiacols.—The supply position of Carbonate and Crystals appears to be satisfactory, but makers report that no Liquid is available. It is understood, however, that supplies of Liquid could be had from dealers. Frices are at last week's level of 12s. 6d. to 13s. Fer lb. for both Carbonate and Crystals.

HEXAMINE.—Business is proceeding quietly and steadily at the unchanged price of 2s. 3d. per lb. for free-running crystals; dealers would require less for other grades.

IODIDES.—Convention rates are unchanged, as follows: Potassium iodide, B.P.—112 lb., 8s. 8d.; 28 lb., 9s. 2d.; 14 lb., 9s. 8d.; 7 lb., 11s.; 4 lb., 1rs. 6d.; smaller quantities, 12s. per lb. Sodium iodide, B.P.—28 lb., 9s. 6d.; 14 lb., 10s.; 7 lb., 11s. 7d.; 4 lb., 12s. 3d.; smaller quantities, 13s. 1d. per lb. Iodoform, B.P.—28 lb., 12s. 1d.; 14 lb., 12s. 7d.; 7 lb., 14s. 9d.; 4 lb., 15s. 7d.; smaller quantities, 16s. 5d. per lb. Iodine re-sublimed, B.P.—112 lb., 9s. 11d.; 28 lb., 10s. 5d.; 14 lb., 10s. 11d.; 7 lb., 12s. 6d.; 4 lb., 13s. 2d.; smaller quantities, 13s. 11d. per lb.

MERCURIALS.—Controlled prices for quantities up to two cwt. are as follows:—

the up to the entrare as tone no.						
Mercury compound	Over 7 lb. but less than 28 lb.	28 lb. and over but less than I cwt.				
Bichloride, powder Bichloride (industrial qual- ity) . Bichloride, lump . Ammonium chloride, pow- der	s. d. 12 0 12 0 12 7	s. d. 11 8 11 8 12 3	s. d. 11 7 11 7 12 2			
Ammonium chloride, lump Chloride (mercurous) Oxide, red crystalline, B.P. Oxide, red levigated, B.P. Oxide, red technical Oxide, yellow levigated, B.P. Oxide, yellow technical	13 8 14 2 15 11 15 5 All quant	13 4 13 10 15 7 15 1 1ties—14s.	13 3 13 9 15 6 15 0 8d.per lb			

Packages free for quantities of 28 lb. and over; delivery free on orders of £20 and over.

MERCURY IODIDES.—Makers' prices per lb. are as follows: RED, less than 7 lb., 17s.; not less than 7 lb., 16s. 8d.; not less than 14 lb., 16s. 2d. GREEN, less than 7 lb., 19s.; not less than 7 lb., 18s. 8d.; not less than 14 lb., 18s. 2d. Yellow, less than 7 lb., 2os. 8d.; not less than 1 lb., 2os. 4d.; not less than 14 lb., 19s. 10d. per lb. net, carriage paid.

METHYL SALICYLATE.—Business continues fair, with makers' prices steady: Five cwt., 1s. 8½0. per lb.; one cwt., 1s. 9d.; smaller quantities, in bottles, 1s. 11d. per lb.

Phenacetin.—Available supplies are limited, and dealers' prices are firm at about 11s. 6d. to 12s. 6d. per lb.

PHENAZONE.—Firm. Dealers quote at around 19s. to 23s. 6d. per lb., according to quantity.

Phenolphthalein.—Makers' scale of prices is steady: Less than 7 lb., 4s. 2d.; 7 lb., 4s. 1d.;

lb., 4s.; 28 lb., 3s. 11d.; one cwt., 3s. 10d.

SACCHARIN.—The Convention price is 98s. 4d. r lb. for 550 material; neither wholesale nor tail prices are officially controlled.

SALICYLIC ACID (B.P.).—Makers' prices are follows: 1 to 5 cwt. (28-lb. parcels), 1s. 8\frac{1}{2}d. rlb.; 28 lb. to 1 cwt. (28-lb. parcels), 2s. 0\frac{1}{2}d.; lb. to 28 lb. (14-lb. parcels), 2s. 2d.; 7 lb. to lb. (7-lb. parcels), 2s. 3\frac{1}{4}d.; 4 lb. to 7 lb. -lb. parcels), 2s. 4\frac{1}{4}d.; under 4 lb. (1-lb. recls), 2s. 7\frac{1}{2}d. per lb. Can be assorted with dium salicylate. Prices are subject to buyers' dertaking not to re-sell any quantities at ices or terms below scale current at time of -sale

Santonin.—Prices for the home trade are: kilos and over, f_46 ros.; not less than kilos, f_47 5s.; not less than 5 kilos, f_48 5s.; st han 5 kilos, f_5 0 per kilo, delivered free in e United Kingdom; 1-kilo packages free.

Sodium salicylate.—Makers quote the llowing prices per lb.: I ton (28-lb. parcels), . IId.; from 5 cwt. (28-lb. parcels), 1s. II½d.; om I cwt. (28-lb. parcels), 2s.; from 28 lb. 8-lb. parcels), 2s. 5d.; from I4 lb. (I4-lb. rcels), 2s. 6½d.; from 7 lb. (7-lb. parcels), 7½d.; from 4 lb. (4-lb. parcels), 2s. 9½d.; ader 4 lb. (I-lb. parcels), 3s. Can be assorted the salicylic acid. Prices subject to buyer's adertaking not to re-sell any quantities at ices or terms below scale current at time of sale.

STRYCHNINE SALTS.—British makers' prices

Compound	Under 100 oz.	and under 500 oz.	500 oz. and over	
kaloid, crystalline	· s. d. 3 0 3 0 3 2½ 3 1 3 2½ 2 4½ 2 06 2 9½ 2 3 3 7½ 2 6 2 6	s. d. 2 10½ 2 10½ 3 1 2 11½ 3 1 2 3 2 8 2 8 2 1½ 3 6 2 4½ 2 4½ 1 11½	s. d. 2 9 2 19 2 11 2 10 2 11 2 12 2 16 2 6 3 4 2 0 3 4 2 10	

oz. containers and outer cases free; smaller packages ra. Contracts may be booked for quantities of 100 oz. I over, with rise-and-fall clause, for a period of six nths. Terms net thirty days. Wholesale distributors' ces for small quantities would be dearer.

Vanillin.—Makers' prices are steady: Ex ve oil or guaiacol, five cwt., 20s. per lb.; e cwt., 20s. 3d.; 56 lb., 20s. 6d.; less than lb., 20s. 9d., carriage paid in U.K. Tins in ses returnable.

Crude Drugs

Aconite root.—Available supplies of Indian root are now small and are held on spot for about is. 7d. to is. 8d. per lb., ex storc.

AGAR.—Considerable interest has been taken in unrestricted Kobe No. 1, with business reported done on spot at 34s. per lb.; 35s. is now asked. Some spot supplies for medicinal purposes may still be available at around 23s. to 24s. per lb., but, since little has been imported under this heading, stocks are small. For material for bacteriological use the spot price remains at between 16s. and 17s. per lb.

ALOES.—Unchanged, with Cape quoted at approximately 55s. per cwt. on spot. Curação is not on offer.

Antimony.—There is still a fair demand, and producers are able to dispose of their output; values are unchanged on the week. English regulus, £120 per ton, delivered, for minimum 99 per cent.

ARECA NUT.—Demand is steady but small. Dealers quote spot supplies at around 5½d. per lb., ex store.

Balsams.—Demand is fairly steady, and values are unchanged on the week. Tolu, spot, 8s. 6d. to 8s. 9d. per lb. *Copaiba*, B.P., remains in poor supply, with spot prices at about 5s. 9d. to 6s. per lb. *Canada* is steady at 7s. 6d. per lb., and *Peru* at about 7s. 9d. per lb., duty paid, ex store U.K.

Belladonna.—A routine spot business, at steady prices. Indian root, about 450s. per cwt.

Benzoin.—Spot business has been fair, with prices steady at in the region of £7 to £8 ros. per cwt., ex store, with some free almondy at about £23 per cwt.

BISMUTH METAL.—A fair business is passing, and the current value is steady at one dollar 25 cents per lb., for minimum 5-cwt. lots.

Buchu.—A few bales are stated to be available on spot at about 4s. per lb. Further importation is unlikely.

CALUMBA ROOT.—Demand is small and prices remain at the levels recorded last week. Spot, about 125s. to 130s. per cwt., ex store.

Camphor.—Reports received this week again indicate a good inquiry for Japanese, but stocks appear to be exhausted, except for a few odd parcels in outside hands. Some Chinese crude is offered at 6s. per lb., and some synthetic at 7s. per lb. It is understood that substantial offers have been made from China of "practically B.P." quality, but the price asked is about 7s. 6d. to 8s. per lb., c.i.f.

Cantharides.—Supplies of Chinese are limited, and would be worth approximately 7s. 6d. per lb. on spot.

Cardamoms.—Quiet, with values about level on the week. Spot, Aleppy greens, 5s. 3d. per lb.; Bombay seed, 5s. 6d.; Mangalore seed, 5s. 3d.; shipment, Aleppy greens, 4s. per lb., c.i.f.; Bombay seed, 4s. 10d., c.i.f.; Mangalore bleached A, 5s. 3d., c.i.f.; Mangalore bleached B, 4s. 9d. per lb., c.i.f.

CHILLIES.—Demand has remained steady, with quotations at former levels. Zanzibar, spot, 175s. per cwt.; Mombasa, 175s., sellers; Sierra Leone shows an advance on last week's value to 175s. and Sudan to the same figure, duty paid.

CLOVES.—Firm, with Zanzibar valued on the spot at 2s. 4d. per lb. Madagascar, unquoted.

COCOA BUTTER.—The official maximum price remains at 1s. 5½d. per lb., ex factory or warehouse, except under Ministry of Food licence. Supplies are not plentiful.

COCONUT (DESICCATED).—Although demand is good, business is quiet. The official maximum price remains fixed by the Ministry of Food at 49s. per cwt.

COLCHICUM.—Stocks are limited, and business small. Spot, Indian, about 3s. per lb., ex store.

COLOCYNTH.—Few inquiries have been received. Spot holders of fine white pulp would require between 3s. 6d. to 4s. per lb.

Dandelion root.—Indian root continues to be quoted by dealers on spot at approximately 155s. per cwt., ex store.

Derris root.—Continues firm, with supplies increasingly difficult to find. Spot prices would be about as follows: Root testing 4–5 per cent. rotenone, about 1s. 4d. per lb.; lower-testing material, about 1s. 1d. to 1s. 3d. per lb.; etherextract, 15-9 per cent.; tested, about 1s. 1d. per lb.; and 17-9 per cent., about 1s. 2d. per lb.

Production of dried derris root in the Philippine Islands during 1940–1941 is estimated at 150 tons, against 500 tons in the previous year.

DIGITALIS LEAVES.—Some Portuguese leaves are still available on spot at 140s. per cwt., ex store.

Dragons Blood.—About £30 per cwt. would be wanted on spot for fair re-boiled; finer grades would be at higher figures.

Ergot.—Rather firmer forward at about 7s. per lb., c.i.f. So far the spot price of about 8s. per lb. appears unaffected. Fair business is being done.

Gamboge.—Reports indicate that spot supplies are almost impossible to find. Prices are nominal at around £30 to £35 per cwt.

GINGER.—Supplies are poor, and prices are at higher levels. West African, spot, 177s. 6d. per cwt., sellers; afloat, 160s. c.i.f., paid; Cochin, unwashed, spot, 175s.; afloat, 160s., c.i.f. Jamaica, spot, No. 3, 195s.

Grains of paradise.—Dealers quote spot supplies at about is. iod. per lb., ex store.

Gum acacia.—The spot price of unrestricted Kordofan cleaned sorts remains at about 225s. per cwt., nominal; shipment, about 73s., c.i.f.

Honey.—First-hand, wholesale and retail prices for imported honey and maximum retail prices for home-produced honey are fixed by Ministry of Food Order. For full scale of prices, see *C. & D.*, August 30, p. 110.

Hydrastis.—Dealers quote untested root a in the region of 21s. per lb. Spot stocks of tested appear to be exhausted.

IPECACUANHA.—The spot price for Matt Grosso is firmer at about 18s. per lb.; shipmen in the region of 15s. per lb., c.i.f. Minas, spo about 12s. 3d. per lb.; shipment, about 10s. 9c per lb., c.i.f. For current prices for ExIPECAC. LIQ., see C. & D., October 18, p. 92.

Jaborandi.—Interest in this product i small, but values are unchanged. Spot, abou 85s. to 87s. 6d. per cwt.

Lobelia Herb.—The higher figure of 3s. 66 per lb. is mentioned for small spot supplies.

Menthol.—Fair interest has been taken i Chinese, and business is reported done on spo at 51s. 6d. to 52s. 6d. per lb., according to quality and seller. It is reported that order sent to China at 40s. per lb. brought back counter-offers at nearly 48s. per lb., with the information that stocks at source are low. Som Chinese about one month away is quoted a 43s. 6d. per lb., c.i.f. and a few odd cases o Japanese are still available on spot at abou 53s. 6d. per lb.

Mercury.—Official prices range between $\ell_4 8$ and $\ell_4 8$ 15s. per bottle of 76 lb., ex ware house London. There is no price control or quantities of 7 lb. and under.

Orange Peel.—Thin-cut would be worth approximately 3s. 6d. to 4s. per lb. on spot; bitter quarters, in small supply, about 2s. 6d. to 2s. 8d. per lb.

Peppers.—Maximum spot price of whole black Lampong unpicked is 5d. per lb., in bond; whole white Muntok unpicked, 8d. per lb., in bond. For full scale of maximum prices see *C. & D.*, September 6, p. 129.

In reply to a question in the House of Commons, on October 15, why the maximum price of white pepper fixed by the Pepper (Maximum Prices) Order (C. & D., September 6, p. 129), and sold in an authorised container, was the same for such containers whether they held one, two, three, or any quantity up to 40z. of white pepper, the maximum price of which was to be 2d. per 0z., the Parliamentary Secretary to the Ministry of Food stated that this provision was decided upon "with the object of avoiding a complicated scale of prices, which would be confusing to retailers and the public and difficult to enforce."

PIMENTO.—Not much business has bee passing, but values are steady. Spot, 2s. Id. per lb.; sellers, shipment, new-crop, October-November, 145s. per cwt., c.i.f.

POPPY FLOWERS.—New-crop, if import licences were available, would be at about 3s. 6d. per lb., c.i.f.

PYRETHRUM.—Dealers' spot prices for Kenya flowers are unchanged at about 175s. to 185s. per cwt., ex store. It is understood that prices to importers of large quantities would be at appropriately lower prices.

QUASSIA CHIPS.—Spot stocks are now becoming low, and the position is not likely to improve in the future. For any remaining small spot supplies dealers would require about 50s. per cwt., ex store.

QUILLAIA BARK.—Though supplies are short ome arrivals are expected. Spot prices are firm it around 140s. per cwt.

Rhubarb.—Business is quiet, with values about unchanged. Rough-round would be worth about 6s. to 6s. 6d. per lb. on spot; vormy to slightly wormy, about 5s. 9d. to 6s. per lb.; rough-coat flat high-dried, about is. 9d. to 7s. per lb.; some rough-round afloat soffered at 4s. 3d. to 4s. 6d. per lb., c.i.f.; ccording to seller. Shensi, spot, about 8s. 6d. o 9s. per lb., spot.

RUBBER.—Official quotations, spot, November and December, 131d. per lb., buyers. Editorial comment, p. 114.)

SEEDS.—Anise.—Bulgarian, spot, duty paid, cominal, at 160s. Canary.—Nothing available on spot. Caraway.—Dutch, spot, duty paid, cominal at 330s. Coriander.—Morocco, spot, cominal at 175s., duty paid; Indian, 160s. luty free. Cumin.—Malta, spot, 155s., duty ree; Indian, quoted at 150s., duty free. Dill.—Indian, spot, nominal at 95s., duty free. Penugreek.—Morocco, spot, nominal, at 65s. to 70s., duty paid; Indian, 70s., duty ree. Mustard.—English, 115s. to 122s. 6d., iccording to quality.

SENEGA.—Scarce and difficult to find. Spot price would be in the region of 6s. per lb. Forward position depends on import licences being granted.

SENNA.—Firm; values unchanged. Tinneelly, spot, supply small, No. 1 leaves, 1od. per b.; No. 2 leaves, 6\fmathbf{d}.; No. 3 leaves, 5d. per lb. fand-picked Tinnevelly pods, if available, bout 1s. 6d. per lb.; manufacturing pods, 9d. o 1od. per lb. Alexandrian hand-picked pods, few small lots available at 4s. to 7s. 6d. per b.; manufacturing quality, 1s. 6d. to 1s. 9d.

SHELLAC.—Remains quiet. Standard TN range, spot, 162s. 6d. per cwt., sellers; fine range, 175s. to 210s. quoted; pure button, 210s. er cwt., quoted. Shipment, TN, 144s., sellers, i.f.

STRAMONIUM LEAVES.—In some inquiry; ealers' spot prices for Indian leaves are unhanged at around 105s. per cwt.

Tragacanth.—Quiet; spot prices unhanged. Current prices for medium grades re as follows: No. 1, white, £135; No. 2, white, £125; No. 3, white, £110; pale leaf, 90; amber leaf, £65; red leaf, from £28; voody and hoggy, from £10 to £15, ex store.

TURMERIC.—Spot, Madras finger, London, 5s., ex wharf; and ex northern ports, 8os. business done).

Valerian root.—Demand is small. Dealers' pot quotations remain at about 135s. per cwt., x store.

Waxes.—Quiet, and quoted as follows: 3EES'.—Spot, 260s.; in bond, 245s.; Dar-es-alaam, nominal at 265s. Japanese, first three rands, spot, duty paid, 205s. Carnauba.—pot, fatty grey, 435s.; chalky grey, 430s.; 'rimeira, 535s.

Essential and Expressed Oils

Almond.—Not quoted, as supplies are restricted.

ANISE (STAR).—The small supplies on spot are firmly held. Tins in cases would now be worth around 25s. per lb., with drums about 1s. less

Bois de Rose.—Spot values are firm at the higher level of 20s. per lb. recorded last week.

CANANGA.—On the basis of the present price at the source, spot oil would be worth between 50s. and 60s. per lb.

CEDARWOOD.—Spot price of American is again dearer at about 4s. per lb.; supplies at origin are reported to be poor.

CITRONELLA.—Ceylon, on the spot, is quoted at about 7s. 9d. to 8s. per lb.; Java would be fully 12s. 6d. and possibly more per lb.

CLOVE.—English-distilled oil is steady at the advanced price of 20s. per lb. noted recently.

EUCALYPTUS.—Values unchanged, with a steady business passing. Spot, 70 to 75 per cent., about 4s. to 4s. 6d. per lb., according to holder; 80 to 85 per cent., about 4s. 6d. to 4s. 9d. per lb.

GINGERGRASS.—Forward quotations remain in the region of 16s. per lb., c.i.f.

LIME.—Prices for West Indian distilled remain firm at about 40s. to 45s. per lb. on spot; supplies are restricted.

Mustard.—British-made synthetic remains in fair supply, and a good demand is being received. The price is in the region of 18s. 6d. upwards per lb.

PATCHOULI.—Spot prices are likely to move up on account of the firm forward position. At present, however, good-quality oil would be worth on spot 55s. per lb.

PEPPERMINT.—Chinese oil has again been in good demand, but spot supplies are insufficient to meet present needs; some odd lots, however, may be had on spot at about 51s. to 52s. 6d. per lb. The last price from China was at 18s. 9d. per lb., c.i.f., subject to licence being available.

It is reported from America that peppermint culture in Michigan and Indiana took place this year under almost entirely adverse conditions. It is stated that plants came to maturity in poor shape after a growing season that began with frosts, and was followed by dry weather that accompanied beetle infestation, severely damaging large areas. Dry weather and soil proved detrimental to good top growth and it is feared that the yield per acre will be lower than normal. The damage in the St. John's, Michigan, area was so severe as to force abandonment of a substantial acreage.

Sandalwood.—There is no change in the price of genuine East Indian Mysore, which is quoted at about 25s. per lb., in one-case lots.

Sassafras.—Dealers' quotations for spot are at about 15s. per lb.

Spearmint.—American, spot, about 22s. 6d. to 24s. per lb.

WINTERGREEN (GENUINE).—Dealers' quotations for spot supplies are in the region 11s. 6d. to 14s. per lb.

WORMSEED.—Quiet and unchanged. Dealers quote spot at about 23s. per lb.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

A Precedent for "Freezing" of Staffs

SIR,—The announcement that the Central Pharmaceutical War Committee may apply for an Order to prevent staffs transferring from one shop to another without permission (C. & D., October 18, p. 83) reminds me that a somewhat similar condition was imposed, though without an official Order, during the war of 1914–18. At the start of that war many pharmacists volunteered for active service, so that when conscription came it was evident that there might be a shortage of pharmacists to carry on the Panel service. For this reason, those who were classed in the lower categories, or who were solely responsible for a pharmacy with a Panel business, were exempted and placed on a reserved list on condition they remained in that pharmacy. They were compelled to do this, as otherwise their exemption was liable to review or cancellation. In the last war there was no substantial evacuation of the populations, so that the balance of business was not altered to the same extent as in this war; the need for a pharmaceutical service in any district remained about the same as in time of peace. Now, apparently, under such an Order it may become possible for the Committee to dictate how many chemists there are to be in any district, and to order individual pharmacists either to go or stay. Yours faithfully,

FREELANCE

MISCELLANEOUS INQUIRIES

Sale of Proprietaries.—B.P. & Co.—Unstamped proprietary medicines are now saleable as recommended medicines by grocers and other traders provided that the packages are sold in accordance with Section 12 (5) of the Pharmacy and Medicines Act, 1941, which we suggest you refer to. After July 1, 1942, the composition of such medicines will have to be disclosed on labels and containers.

Anti-gas Ointment No. 2.—T. R.—The official formula for Anti-gas Ointment No. 2 has never been disclosed, though it is understood to be a combination of chloramine-T and vanishing cream. Authority to manufacture this ointment has been given

by the Ministry of Home Security and to certain approved firms, and if you desire to undertake manufacture you must first obtain permission and information regarding the formula from the Ministry.

Disclosure of Composition.—R. C. L.—In disclosing the composition of proprietary medicines, it will be necessary to state all ingredients of the medicine and not only the active ones as you suggest. Thus, the ingredients you refer to, e.g., preservatives, sweetening and flavouring agents, will have to be disclosed after July 1, 1942, to conform with the Pharmacy and Medicines Act, 1941. You will note that the Act states that the "approximate quantity" of the ingredients should be disclosed. This will facilitate the estimation of ingredients present only in minute quantities, such as saccharin, flavourings and colourings.

Coconut Oil Shampoo.—R. C.—Without knowing the saponification value of the coconut oil that is being used, it is difficult for us to suggest why your product is not satisfactory. However, the following is a recommended procedure for making coconut oil shampoos, and we suggest that you apply this method to your own formula. Melt the oil at a temperature of 120° F., then add the alkali dissolved in one-fifth of the water and cooled to the same temperature. Stir for a short time to emulsify, gradually raise the heat to 180° F., and keep at that temperature until thoroughly saponified. Leave covered for at least twenty-four hours at a temperature not lower than 60° C., before adding water to bulk.

Mortgage on Premises.—E. T. M.-You will, it is obvious, be assessed and be liable for the Schedule A tax as you are the owner and occupier of the trade premises. Apart from the fact that there is a mortgage, you will be entitled to deduct the annual value of the premises (or that part thereof used for your trade) as a trade expense. This item would be deductible in determining the taxable profits of your business. The interest on any mortgage which you pay out of the profits of the business must be included, and accordingly will not be deductible, in determining the taxable profits of your business. The reason is that you deduct tax from the interest before paying the same to the mortgage. We consider that the incometax authorities are right in allowing as a deduction from the profits, not the whole of the annual value, but that amount reduced by the amount of the mortgage interest.

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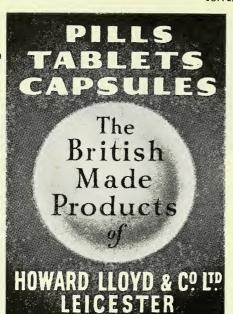
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*WEICHSEL, M. and LAPIN, J. H., Arch. Pediat., 57:159, March, 1940.

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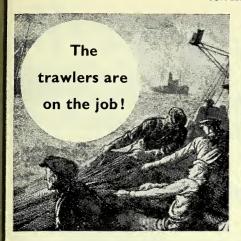
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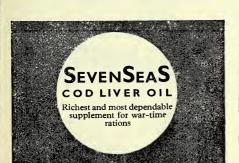
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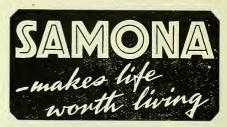
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National advertising, supported by influential medical propaganda, will go on consistently keeping the century-old name of Dinneford's well to the fore.

Order now from the Sole Distributors:—
MESSRS. MACLEANS LIMITED
Great West Road, Brentford, Middlesex

Many more Chemists Many more Chemists are now featuring CURICONES

Because.

CURICONES are now a FULL PROFIT LINE showing $33\frac{1}{3}\%$ PROFIT on selling price and 50% PROFIT on purchase price.

CURICONES are not rationed. You can supply as many as you can sell and deliveries are at normal peace time rate

In your district most adults suffer, in some degree, from one or other of the manifold rheumatic ailments.

All these factors combine to make CURICONES a line which can do much to bridge the gap in your turnover created by the Limitation of Supplies regulations.

CURICONES are now a P.A.T.A. line. National Advertising is continuing on the same scale as hitherto.

There's big money in CURICONES to-day, so maintain an adequate stock

STEPHEN MATTHEWS & CO. LTD.
19-21 FARRINGDON ST., E.C.4

ASTHMA
sufferers are always
grateful if you
recommend—

DE SINGHA ASTHMA TABLETS

The Original and still the Best Remedy for ASTHMA, BRONCHIAL ASTHMA ASTHMA, BRONCHIAL ASTHMA AND BREATHING DIFFICULTIES AND BREATHING DIFFICULTIES P.A.T.A. Terms from all Wholesale Houses P.A.T.A. Terms from all Wholesale Houses (Exclusive of Purchase Tax) (Exclusive of Purchase Tax) THE DR. SINGHA CO., LTD. Caernaryon, North Wales.

For QUICK SALES

LANCASHIRE and the MIDLANDS

The already widely popular JACKSON'S FEBRIFUGE is being extensively advertised. You will find that JACKSON'S FEBRIFUGE will bring you quick sales and good profits. You can safely recom-



a hoperature with it is not got a

safely recommend it to any of your customers as a fine, pure and most effective patent medicine.

JACKSON'S Give it a trial; we assure you that it will not stay on the shelf!

FEBRIFUGE

Retail prices 1/3, 3/- & 5/- per bottle
Plus Purchase Tax

Also other famous specialities:
DRAWING OINTMENT, CAMODENE SOAP &
OINTMENT, PINE DISINFECTANT

George Jackson & Son Ltd., Harpurhey, Manchester



ORANGE SUBSTI-TUTE but a tonic yeast drink in a novel and pleasing form

You can sell easily This **NEW** YEAST TONIC FOOD DRINK

* YEAST FOR STRENGTH * ORANGES FOR FLAVOUR

Oranjeast is a tonic yeast drink in a novel and pleasing form. It possesses the healthful qualities of yeast plus the luscious flavour of oranges. Rich in Vitamins B.I. and B.2., also Proteins. Oranjeast is a harmless stimulant, a potent energiser, and a reliable pick-me-up as well as being one of the pleasantest drinks obtainable today.

THE CERTIFICATE OF THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE HAS BEEN AWARDED IN RESPECT OF ORANJEAST

Regular National Advertising started October I

ORDER A SUPPLY NOW

WHOLESALE

RETAIL

PROFIT

WINDOW DISPLAY BONUS

Up to 5% will be allowed to retailers for Oranjeast Window Displays of not less than one month's duration. Dummy Outers, Packings, Leaflets, Window Bills, etc. supplied. Full particulars from Regional Agents or direct

ORDER ORANJEAST through your usual wholesaler or MAW, SON & SONS, LTD., ALDERSGATE HOUSE, NEW BARNET



THAMES CHEMICALS, LTD., 2 THE GREEN, RICHMOND, SURREY

MOORE MEDICINAL PRODUCTS Ltd.

ABERDEEN, SCOTLAND

First in the field in the manufacture of a number of products formerly made in Germany, notably:

BROVON Asthma Inhalant, faithfully replacing BRONCHOVYDRIN, and actually excelling the original product in stability.

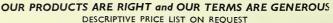
Our VYDRIN Inhalers are specially made to provide extremely fine atomisation of BROVON, so ensuring the best results.

NEDA Fruit Cubes. We have been using the German name NEDA since 1939 for these ideal Laxative Fruit Cubes for young and old. A new British name MONEEDA will soon replace the German one, along with an attractive new pack in black and cerise.

HAEMOVIN, the proved remedy for piles, replacing the German product HADENSA.



Other products include Basch Tablets, Elopills (Leopillen), Ephisovin and Sperol, a new spermicidal tablet of outstanding merit.





FECHER'S Oiltite and Regulator Dropping Bottles Hollopeg Iodine Bottles. Regulation c/s Bottles

and other specialities

Our well-known 'GLASEPTO THROAT BRUSH' with Aseptic Glass Handle and insulated Hair is now again available

EXPORT ORDERS RECEIVE PRIORITY

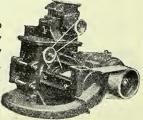
If unable to get supplies from your wholesaler please let us know, giving particulars, and we will remedy the matter. If necessary we can suggest a substitute or alternative which will help you out

M. J. FECHER LTD. 492-3 IPSWICH RD., TRADING ESTATE SLOUGH

GRINDERS

The best way to ensure satisfaction in grinding is to call in Porteus. Not only do they know exactly what is required, but they can and do invariably advise on the very best type for the job in hand. Lengthy experience in design and construction is at your service—why not write now?

GEORGE PORTEUS & SONS (LEEDS) LIMITED
LEEDS BRIDGE WORKS Provender Milling Specialists LEEDS 10





The Finest ALTERNATIVE FOR REAL ORANGES

There is a steady increase in SEVILA sales throughout the country. Retailers who hold stocks are obtaining the benefits resulting from regularly advertising the qualities of this reputable product. SEVILA is a profitable line for you to handle, because repeat business invariably follows the first sale.

SEVILA is a wonderful stimulant owing to its rich glucose and mineral salt content, reinforced with Vitamins C and D. Present-day conditions make SEVILA invaluable for war workers, babies, invalids, etc. A daily glass of SEVILA is the finest alternative when real orange juice is not available. SEVILA should be used as an orange flavouring for all cooking purposes, i.e., making cakes, puddings, cocktails, etc.

SOLD IN

6d. PACKETS 4/6 SIZE contains 10 times the quantity

TRADE PRICES

57/- PER GROSS (i.e. over 20% Profit) Packed in 6 Doz. lots

40/6 PER DOZEN (i.e. 25% Profit) Packed in I doz. lots

lots | Packed in I doz. k

lanufactured by: MORLEY ROGERS & CO. LTD., 290 KINGSTON ROAD, MERTON PARK, LONDON, S.W.

Doctors' Prescriptions for

TO ALL WHOLESALERS & RETAILERS

The Vitamin C and D content of SEVILA was

introduced in July last, and a greatly improved moisture-proof pack was used as and from Septem-

benefits of these latest improvements we are prepared to replace any stocks at present held by wholesalers and retailers received by them before

September 1st. Replacements will be forwarded

immediately upon receipt of old stocks, which should be sent direct to the manufacturers.

To ensure that the public obtain the

Simpkin S

Glucose Barley Sugar and Glucose Barley Sugar with Halibut Liver Oil

Instructions have been received from the Government to reserve a certain percentage of our output for urgent medical demands. Owing to limited staff and in order to facilitate supplying, chemists receiving prescriptions of this nature are requested to adopt the following procedure:—

I. To send the order direct to our factory, Hunter Road, Sheffield, 6.

2. To enclose the original prescription, which must state the total quantity of Barley Sugar to be supplied.

To enclose a remittance based on the following costs.

Glucose Barley Sugar at the rate of 2s. 3d. per lb. (inclusive of cartons). To retail at 3s. 2d.

Glucose Barley Sugar with Halibut Liver Oil at the rate of 3s. 6d. per lb. (inclusive of cartons). To retail at 5s. 6d.

Postage to be added at the rate of 7d. up to 3 lb. and 1d. per lb. in excess of 3 lb.

 To state whether the products have to be sent direct to the patient or to the chemist.

CALDER YEAST TABLETS

50 TABLETS 7d. 100 TABLETS 1s. 0d. Obtainable in Cartons of 1 & 2 doz. bottles containing 50 Tablets, & Cartons containing 1 doz. bottles of 100 tablets. Discounts: Retail 33\frac{1}{3}\f



FAVOURITE

for over

MASON'S

EXTRACT OF HERBS

A 9d. bottle makes 6 gallons of
delicious sparkling Mason's Herb
Beer, GOOD PROFITS—QUICK SALES

Write for Trade Terms
NEWBALL & MASON LTD., NOTTINGHAM, Est. 1850

-Dr. White's-



Manufactured only by

J. F. WHITE & CO., LTD.
Lovington Laboratory, Benson St., Leeds, 7

*

Steradent

a NEW development

I

Steradent is now free from the Limitation of Supplies Order.

2

Supplies will be made available to the Trade as quickly as possible.

3

It must be realised, however, that demand will exceed supply tor some time but production will be speeded up as tast as possible.



ISSUED BY THE MAKERS OF



"VISKAPS"

and

"VISKRINGS"

These quality closures give an attractive finish to any pack and ensure hygiene and security. Can be supplied wet or dry, in transparent or opaque quality, in almost any shade. They are the original self-shrinking Viscose seals.

"Viskrings" provide an alternative to the full cap when it is desired to leave the top of the container uncovered.

If you will send us one of your containers we will gladly seal it and return for your finspection free of charge.

VISCOSE DEVELOPMENT CO. LTD. BROMLEY, KENT

Telephone: RAVENSBOURNE 2641

Continuous and Steadily Advertised Goods FOR DESTROYING RATS AND MICE DANYSZ VIRUS

Retail Price (Protected) Virus for Rats and Mice, single tube, '2'/- 15/- per doz 3 tubes, 5/- Virus for Mice only single tube, 1/6 9/- , 3 tubes, 3/- 3 tubes, 3/-

Date-expired tubes returned to us postage paid will be exchanged free of charge.

Danysz Virus in Liquid Form

 Retail Price
 Wholesale Price

 Bottles 6/- each
 ... 4/6 each

 ,, 4/6
 ... 3/9

HALLER'S EXTRACT OF SQUILL and DANZO RAT KILLER

Discount off Retail Prices 25% Monthly Account, or 33½% Cash with Order.

Retail Monthly A/c Cash with Order.

Retail Monthly A/c Cash with Order gall, tins 10/- . 7/6 . 6/8 . 6/8 . 18/- . 13/6 . 12/- 5 . . . 80/- . 60/- . 53/4

DANZO BEETLE POWDER

For destroying Blackbeetles. Cockroaches, Crickets. etc.
Retail Prices (Protected)
In carrons 9d. each
In 1/6 ... 6/9 per doz
In 1/6 ... 13/6
In 27/- 27/- 27/- ...

Oanzo Beetle Powder will not deteriorate by keeping.

CARRIAGE PAID ON ALL ORDERS

To be obtained from

HALLER LABORATORIES, LTD.

325 Borough High Street, LONDON, S.E. 1
Telegrams: "Virudana, Sedist, London." Telephone: Hop. 2717



THIS APPEAL

to get the Loganite habit now reaches millions of people weekly who, literally, are hungering for Loganite in order to make their sparse coal supplies go farther.

THANKS TO LOGANITE

your customers can save both coal and money, and have brighter, hotter, and longer fires on one third less coal.

LOGANITE NEVER FAILS

Tie up with our advertising in over 200 Newspapers, etc., and in more than 500 Cinemas by means of a film of the best entertainment standard.

Loganite is so cheap that a 6d. packet treats 2 cwt. of coal, coke or anthracite.

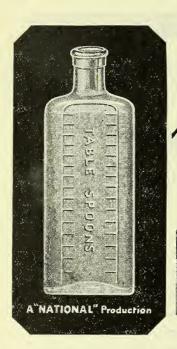
Not available for the time being for Northern Ireland or Eire

GUARANTEED SUPPLIES

USUAL TRADE TERMS

ORDER NOW

LOGANITE PRODUCTS, GRAND BUILDINGS, TRAFALGAR SQUARE, W.C.2



National Dispensing Bottles

are Strong, Serviceable and Sure-sealing

NEATLY PACKED IN 6 DOZE NON - RETURNABLE CARTON

- * CONVENIENT IN SIZE
- * EASY TO HANDLE
- * UNIFORM IN QUALITY

ALSO . . . Cork mouth bottles WASHED & PAPERED Screw mouth Bottles WASHED & CAPPED

SCREW CAPS SUPPLIED in

WHITE - ENAMELLED TIN PLAT BLACK BAKELITE MOULDED



HAVE YOU GOOD STOCKS OF "NATIONAL" VIALS?

Ranging in size ½ oz. up to 3 oz. Plain or teaspoon graduations Medium and tall types

MANUFACTURED IN BEST QUALITY
WHITE FLINT, AND PACKED IN FREE
NON-RETURNABLE CARTONS



May we advise Name and Address of nearest "NATIONAL" distributor?

National Glass Works (York) Ltd.

Works: FISHERGATE, YORK Telephone: York 3021 London Office: 105 HATTON GARDEN, E.C.I

Telephone: Holborn 2146

WHOLESALE ONLY

CHEMIST AND DRUGGIST

This Supplement is inserted in every copy of The Chemist & Druggist

SUPPLEMENT

28 ESSEX STREET LONDON, W.C.2

OCTOBER 25

CLASSIFIED SUPPLEMENT ADVERTISEMENTS

All classified advertisements must be prepaid—those not accompanied by remittance will be held over pending payment. Instructions will be accepted up to FIRST POST THURSDAYS if sent to BATH, but mid-day WEDNESDAY is latest time for LONDON.

THIS IS THE TARIFF

AGENCIES, PATENTS, GOODS FOR SALE, PARTNERSHIPS, PREMISES TO LET, FOR SALE or WANTED LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS BUSINESSES for DISPOSAL
BUSINESSES WANTED

SITUATIONS OPEN

7/6 for 36 words or less, 2d. for every additional word.

1/9 per nonpareil line. (12 lines 7/6 for 40 words or less, 2d. = 1 inch, single column.) for every additional word.

4. (for Wholestlers etc.) for add and second-hand less—12/6 (or 60

MISCELLANEOUS SECTION (for Wholesalers, etc.), for odd and second-hand lots—12/6 for 60 words or less, 1/- for every additional 10 words or less.

SITUATIONS WANTED—2/6 for 18 words or less, 1d. for every additional word.

EXCHANGE COLUMN (for Retailers, etc.)-2d. per word, minimum 3/-.

Box Office Numbers 1/- extra.

Uncertain postal deliveries make it advisable to send instructions as early as possible to THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH, or to London Office, 28 Essex Street, Strand, London, W.C.2

WANTED

HIGHEST PRICES PAID

The following **MACHINERY** & **EQUIPMENT** is urgently wanted by Manufacturing Chemists:

POWDER FILLING MACHINE, I—8 oz. OINTMENT MILL
PHARMACEUTICAL DRYING CUPBOARDS
TABLET MAKING MACHINES
TABLET & PILL COATING PLANT

COLMORE & COOK LTD. 50 ISLINGTON PARK ST., LONDON, N.I

COMPLETE COSMETIC SERVICE FOR PHARMACISTS

Consultant-Manufacturing West End Cosmetician, many years manufacturing experience, offers to advise pharmacists on all cosmetic problems, such as supplying formulæ, basic materials, colours, and to loan moulds with skilled operators by arrangement. Personal instruction in West End laboratory or by correspondence. Raw materials, bottles, jars, etc., supplied from stock when available, or information on present-day sources of supply. Write or telephone for appointment without engagement.

R. DOUGLAS-ASHBEE, 189, REGENT ST., LONDON, W.I. REGENT 4247.

ASPIRIN GRANULES B.P. WANTED

Regular deliveries required in quantities up to I Ton per week

FOR SPOT CASH

Write in first instance to

MR. LEWIS, 46 ARKWRIGHT ROAD LONDON, N.W.3

Telephone No. Hampstead 1958

We cannot offer

TOILET ROLLS

to new customers at present but accept limited repeat orders BRITISH UNICORN, LTD. 122 LONDON WALL, LONDON, E.C.2

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FOR THE S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations

C. A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S. 50 HIGH STREET, BARNET, LONDON, N.

SHOPFITTERS

MYERS OF OLD ST. THE PHARMACY ALL PHARMACY FITTINGS. New and Secondhand. A.R.P. IMMEDIATE REPAIRS & RENEWALS TO SHOP FRONTS AND FITTINGS

Write, phone or call
L. MYERS, 133-135 OLD ST., E.C.1. Phone: CLE 6381

SITUATIONS OPEN

RETAIL (HOME)

DERBYSHIRE. At once, Qualified Manager required to take charge of branch shop, permanent situation, commission given on increased turnover. To avoid unnecessary delay please reply giving fullest details. CDB/805, London Office of this Paper. WEST EALING. Qualified Manager for Light Retail and Dispensing (N.H.I.) business. Very comfortable berth for man not subject to military service. Fullest particulars to S. Sutcliffe, 360 Franklin Road, Kings Norton, Birmingham. COMPETENT Dispenser, Qualified or Unqualified, lady or gentleman, exempt military service; good-class business in reception area. Apply, stating age, salary required, giving references and usual

age, salary required, giving references and usual particulars. Hunt & Co., Chemist, 45 High Street,

DISPENSER-BOOK-KEEPER wanted, outdoors, for Mixed Private, Panel and Poor-law practice. Apply Drs. James and Hill, 22 Trinity Road, Wood Green, N.22.

EXPERIENCED Qualified or Unqualified Assistant and required for a good-class business. Good wages and conditions to suitable man exempt from military

service. Give fullest particulars, age, references and salary, to J. Wearing, Pharmacist, Woking.

LADY Assistant required, with good general experience; must possess good references. Apply with full particulars, stating salary required, to Anderson & Virgo, 23 St. John's, Worcester.

OWING to the call up for military service Taylor O'WING to the call up for military service Taylor Cash Chemists, London, Ltd., have severs vacancies for competent Managers in West an North-West Districts of London. Permanen employment to suitable applicants. Apply, by letter to Retail Staff Manager, Taylors Cash Chemists London, Ltd., 70 Vauxhall Bridge Road, S.W.1. PHARMACIST required for Dispensing Depart ment. Good experience and address essential Apply to Managing Director, Philip Harris & Co. Ltd.. Edmund Street, Birmingham.

ment. Good experience and address essential apply to Managing Director, Philip Harris & Co. Ltd., Edmund Street, Birmingham.

QUALIFIED or Unqualified Assistant (male of female) required for Country Town Business No Sunday duty. Opportunity given to train in Optics. Write giving references and salary require to Palmer & Son, Ltd., Chemists and Opticians Ramsey, Huntingdon.

TAYLORS BRITISH CHEMISTS have several vacancies for qualified pharmacists in the Manchester area. Suitable applicants will be appointed to the permanent staff. Apply giving furparticulars to Retail Staff Manager, Taylors Britis Chemists, 70 Vauxhall Bridge Road, S.W.1.

UNQUALIFIED Assistant required (male of female), Dispensing and Counter. Good how and conditions. State age, salary required and whe free to Manager, Pharmacy Department, Ipswich Industrial Co-operative Society, Ltd., Carr Street, 1984, Carr Street, 1984, Carr Street, 1984, Carrick Carrier, 1985, Carrick Carrier, 1986, Carrick Carrier, 1986, Carrier, 1986, Carrier, 1986, Carrier, 1987, Carr Ipswich. Endorse envelope "Unqualified Assistant, WANTED, Qualified Assistant (male or female no liable for military service), for duration of wa Optical knowledge an advantage. No Sunday of holiday duty. Applications stating age, experience wages required, references and qualifications to Gloucester Co-operative and Industrial Society, Ltd Brunswick Road, Gloucester.

WANTED, experienced gentlemanly Assistan principally Counter work. Pharmacy in the Midlands. Permanency for suitable man. Enclo full particulars, salary required, photo if convenien CDB/743, London Office of this Paper.

Woodlands Chemists, Ltd., have several vacancies for qualified Managers and unqualified Assistants both in the London area and Provinces. Permanencies to suitable

and Provinces. Fermanencies to subance applicants in good progressive positions.
Full particulars (photo if possible) in first letter; age, height, experience, salary desired, and when free, to G. T. N., c/o Woodlands Chemists, Ltd., 37 Coventry Street, London, W.1.

WANTED, Qualified Lady Assistant for Centry Pharmacy Dept. Permanency. Superannution Scheme and good prospects. Apply giving particulars and salary required to Dartford Industry Co-operative Society Ltd., 93 Kent Road, Dartford Control of the Control of the Control of Contro

Young Lady M.P.S. required for good-class We Y London pharmacy, accommodation availab Kindly state age and salary required. 391/35 London Office of this Paper.

WHOLESALE

CAPABLE and experienced Wets Counter Ha required, male or female. Thornton and Ro

required, male or female. Thornton and Ro Ltd., Huddersfield.

EXPERIENCED Manufacturing Chemist of Lancs. Must be able and willing to work has with minimum supervision and assistance. Pern nent and progressive post for really sound ma others please ignore. Write in confidence gividetails experience, age and commencing sale required to CDB/808, London Office of this Paper FOREMAN in charge for old established Man facturers (S.W.8 London), practical word needed. Knowledge of Manufacturing desirable 1 not so essential as reliability. Progressive prospe for right man. Apply 391/355, London Office of Paper.

Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc. 365/381, London Office of this Paper.

RELIABLE person required in small wholesale business, able to drive. To call on Chemists and deliver goods and help with all inside work. Please state salary required and any experience.

TABLET Maker wanted for small factory, Central London. Five-day week. Knowledge of sugar-coating an asset—or would be taught. Excellent opportunity for progressive post. Please state age, liability to military service, experience and salary required. Write CDB/801, London Office of this

Taber.

Tablet Maker wanted for North London Manufacturing Chemists. Salary £300-£400 per annum according to qualifications and experience. Write stating age and full particulars to CDB/809, London Office of this Paper.

UNQUALIFIED Chemist required, if possible with some knowledge of the manufacture of accounts.

some knowledge of the manufacture of cosmetics. as Laboratory Assistant. Salary £5 pe Apply 389/296, London Office of this Paper. £5 per

SITUATIONS WANTED RETAIL (HOME)

MANAGER or Assistant. Adaptable energetic

MANAGER or Assistant. Adaptable energetic worker. Exempt. London district preferred. Would take wholesale or locum position. Wells, 46 Fieldsend Road, Cheam, Surrey.

PART-TIME only, Monday-Friday, 10-5.30, City, West End. Experienced Gentleman (48) (34 years retail) desires post (high-class only). F. W. P., 43 Greenway, Southgate, N.14.

PESIDENT-MANAGERSHIP, Devon or Somerset, M.P.S. Scot; married; over military age. Present post Devon. All-round experience, including Veterinary. Excellent references. Can wait suitable Veterinary. Excellent references. Can wait suitable vacancy. Kindly state terms. CDB/810, London

wacaney. Kindly state terms. CDB/810, London Office of this Paper.

WANTED immediately by efficient (Hall) Dispenser, experienced Hospital, Doctor and Shop. Post Hospital preferred; Brighton area essential; free at once. E. M. W., Forest Mead, Nutley.

LOCUMS SEEKING ENGAGEMENT

EXPERIENCED Qualified Locum free November. Harris, c/o Lines, Chemist, Hertford.

WHOLESALE

A BLE, energetic Man (44), 20 years' production, Packing and Finishing experience. Pharmaceutical and chemical. Sound organiser, with initiative; accustomed to labour control. Excellent references. CDB/806, London Office of this Paper.

A DVERTISER (37), experienced in office and works control, especially packed goods, seeks position in London as Manager or Foreman. CDB/807, London Office of this Paper.

London office of this Paper.

COSMETIC Chemist, 20 years' experience Face Creams, Rouges, Lipstick, Face-powder, etc., wants situation. 391/346, London Office of this Paper.

EXPERIENCED Qualified Representative; exempt military service. Features situation with 6 TXPERIENCED Qualified Representative; except military service, requires situation with firm of repute; excellent sales record; good connexion Midlands and Eastern Counties. Willing to pioneer new proprietary line or open new territory. CDB/738, London Office of this Paper.

CENTLEMAN (36), exempt; 18 years retail. Unqualified, desires position as Representative. Motorist. West of England preferred. Zingib, 43 Hill House Road, Downend, Bristol.

PEPRESENTATIVE, old-established connexion; present house 15 years; South West England.

present house 15 years; South West England, part Midlands, requires good-class lines. Part expenses, commission basis. Drugs, Proprietaries, Sundries, etc. CDB/803, London Office of this Paper.

UNQUALIFIED (48), 14 years' experience leading Wholesale House, wets, dispatch, good stock-keeper, capable taking charge, desircs employment anywhere; director's reference. Haxby, 56 Ditchling Rise, Brighton, Sussex.

BUSINESS OPPORTUNITIES

A DVERTISER is prepared to purchase outright or take financial interest in medicinal proprietary article with view to nationally advertising same. Send particulars in confidence to 389/276, London Office of this Paper.

CHEMISTS Limitation of Supplies. Collaboration wanted at once with five independent Chemists, preferably within 70 miles London. No capital required; good prospects. 391/349, London Office of this Paper.

ENTHUSIASTIC Selling Agency in the Pharmaceutical field can carry one or two further lines. Complete coverage throughout United Kingdom by hand-picked representatives. Write, enclosing any literature relevant to the product, to R. S. Caplin, Ltd., Dept. S.A., Duke Street House, Oxford Street, W.1.

HIRM having established Wholesale Sales organisa-T tion would like to contact manufacturers who have goods to offer. 389/307, London Office of this Paper.

MANUFACTURERS have a few machines available for Bottling up to 1,000 gross per day output. May be able to help with Bottles, Caps and Labels if required. Write M.C., 391/347, London Office of this Paper.

MANUFACTURERS can undertake Tabletting (Saccharin or Medicinal) up to 3 gr., using your own formulae and materials. Large or small orders executed. We can also undertake bottle-filling and all types of packing. 391/354, London Office of this

TABLET maker is prepared to consider contracts to make tablets, preferably one grain, for trade. 390/311, London Office of this Paper.

AGENCIES

A GENCIES wanted by old-established firm of Chemical Importers, Exporters, and Merchants, with ample capital and first-rate connections Scotland, North of England, and Overseas. Inquire at 391/348, London Office of this Paper.

MANUFACTURING CHEMISTS producing high-class Pharmaceutical Products which should command large sales, desire contact nine important Wholesale Firms with first-class connections to take over Sole Distribution of the following specified areas on advantageous terms:—
(1) Northampton, Kettering, Welling-

Aorthampton, Kettering, Welling-borough and Peterborough.
 Hertfordshire, Bedfordshire, Bucking-hamshire, and Berkshire.
 Dorset and Wiltshire.

(4) Sussex, Hampshire and Kent. (5) Gloucester, Somerset, Devon and Cornwall.

(6) Lancashire and Yorkshire.(7) Northumberland, Durham, Cumberland and Westmorland.

(8) Wales.

(9) Scotland.

Please reply in strictest confidence to CDB/802, London Office of this Paper.

FOR SALE

COMPLETE stock of a London Chemist shop for Sale as a whole. Shop recently closed down. Includes photo, toilets, drugs, sundries, etc. Total value about £260. CDB/804, London Office of this

CREAM Jars: ½ oz. fancy clear glass with red bakelite caps, 4s. doz., cash with order, carriage forward. Inquiries invited for Haircream, Brilliantine, and shampoo bottles. H. S. Bottle Co., 29 Sherwood Hall, East End Road, London, N.2.

FACE Powder for Sale. A limited quantity of pre-war good quality imported. Attractively packed to retail at 9d. Owner must dispose (now with H.M. Forces). Sample 9d. post free, or S.A.E. for prices. Marsh's, 63 Aughton Road, Birkdale, Southwest. Southport.

FOR Sale, 1 ton Soya Lecithin 60–65%, for October Buyers please write to 391/351. London Office of this Paper.

TMMEDIATE Delivery. Full-strength Saccharin Tablets, 12/- per 1,000. Apply, C. B. Hunt (M.P.S.), 143 Bury New Road, Whitefield, Manchester.

IPSTICK Containers, bakelite, with slide holder, 22s, per dozen. Refills, popular shades, 11 mm. superior quality, 11s. 6d. per dozen. Vanishing Cream, 13-oz. net jars, 11s. per dozen. Prices include Purchase Tax. Elbeco Supplies, 59 Berners Street,

ONE Hanovia Sun Lamp and Transformer, 230 volts: One Electric Sterilizer, 110 volts, with automatic cut-out switch. All in good condition. 391/344, London Office of this Paper.

100,000 SACCHARIN tablets (full strength), offer for whole or part. Lipsticks, small super quality in bakelite containers, retail about 1/6, 12/6 doz. Gross lots 12/-. (1/6 for sample). "Advertiser," 154 Brady Street Flats, Mile End, E.1.

OZ. Powder Boxes, Cellophane panel, smart appearance, 36s. per gross, including tax. Smart wood-turned Lipstick Cases, 10s. per doz.; 1s. 6d. P.O. brings you samples of each from Smith, Agent, Pedder Street, Morecambe, Lancs.

SALE BY AUCTION

14-15-16 BRITTON STREET, CLERKENWELL, E.C.1 Stocks of Bottles, including 570 GROSS OF FRENCH HIGH-CLASS MANUFACTURE GLASS BOTTLES AND JARS

with glass stoppers and screw tops.
Suitable for Perfumery, Hair Cream,
Lotions, etc., also Medicine and Tablet

100 Gross FANCY CARDBOARD 3-piece POWDER BOXES AND PUFF BOXES, 35 Gross CARTONS for Perfume Bottles. FRANK G. BOWEN, LTD. will Sell by Auction at their Sale-rooms, as

above, on

Wednesday, November 5th, 1941, at 12 o'clock precisely.

On View day prior and morning of Sale. Catalogues of Messrs. H. Newman & Co., Chartered Accountants, 1-4 Warwick St., W.1, and of the Auctioneers, 14-16 Britton Strack Charlesvell, Lorden E. C.1. Street, Clerkenwell, London, E.C.1.

MISCELLANEOUS

LIMITATION of Supplies. Wanted to purchase, Business with Class 16 Quota. 391/350, London Office of this Paper.

BUSINESSES FOR DISPOSAL

HEMIST and Optician. First-class old-established Business for Sale in large town on the border of England and Scotland. Good position and good stock. Moderate price. Genuine inquiries attended to. CDB/800, London Office of this Paper.

LD-established Drug Store and Chemists' business in West Riding industrial urban area; Wine and Chemists of the Company of the Company

Spirit licence; National Health Insurance Panel; premises on sale or lease; ill health cause of sale; audited accounts available. Write Wilfrid Dum & Connell, Solicitors, Bradford.

WANTED

OILS or Fats and Glycerine, also Block Stearine wanted. Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

WANTED by England's largest Photographic dealers. All Miniature Cameras, extra lenses and accessories, Rolleifiex, Leica, Contax, Ikontas, etc.; also films for Leica, etc. Will buy quotas. Wallace Heaton, Ltd., 127 New Bond Street, W.I.

WANTED to buy Theobromine, Theobromine Sodium Salicyate, Salol, Amidopyrin, Anethol. Sodium Salicy ate, Salol, Amidopyrin, Anethol, Commarine, in 1 cwt. lots. Quotations to 391/352, London Office of this Paper,

WANTED 2, 4, 6, 8-oz. bottles with screw tops.
State quantity and prices. Also fancy boxes for powder. 391/356, London Office of this Paper. 500 Gross Toilet Bottles, 2½, 3, or 3½ oz. complete with screw caps, wanted by manufacturing concern. Submit samples and price to 391/345, London Office of this Paper. concern.

FOR SALE EXCHANGE

12 BARRELS Yellow Petroleum Jelly B.P., net 4,681 lbs. Whole or part exchange for White Petroleum Jelly or Stearic Acid. 391/343, London Office of this Paper.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

AS Senior Assistant, management of drug stores, or in wholesale. Widely experienced. Last or in wholesale. Widely experienced. Last position, 5½ years (retail). Disengaged through war conditions. Hall qualification. Excellent reference. Over military age. CDB/783, London Office of this

Laper.

Laper experienced, seeks appointment in emergency or voluntary Hospital, or with doctors. CDB/780, London Office of this Paper.

UNQUALIFIED Assistant, youth (21), three years' experience retail desires position wholesale.

experience retail, desires position wholesale or retail, or in hospital; Great Britain or Ireland. Not liable for military service. CDB/740, London Office of this Paper.

WHOLESALE

REPRESENTATIVE, twenty years' experience, Chemists, South Wales and West of England, seeks appointment; age 50; own car. Late of Westminster Laboratories. Extensive personal connexion. CDB/750, London Office of this Paper.

REPRESENTATIVE Sales Manager over military age, twenty years' experience with toilet trade. Chemists' connexion in S.W. London and suburbs.

CDB/736, London Office of this Paper.

MODERN ANTISEPTICS

On October II Professor A. Fleming, F.R.C.S., gave a lecture on "Modern Antiseptics" to a meeting in London of the Guild of Public Pharmacists, Mr. J. Moore (president) in the chair.

Finding a Suitable Standard

Professor Fleming restricted his talk to antiseptics for use in the human body. For these, the Rideal-Walker test-the stock test for an antiseptic-was, he said, of no use. The bacteriostatic value of a chemical in broth might have no relation to its power of action in an albuminous medium such as serum or blood, which more closely resembled the conditions in which the antiseptic worked in the body. Secondly, it was not necessary for the antiseptic to kill the bacillus in the body: to inhibit its growth was sufficient. Finally, the test took no account of any action of the antiseptic on the body itself, or of its specificity. So long as growth of microbes was inhibited, the body could deal effectively with them. This anti-bacterial action of the body depended on its leucocytes, and experiments had shown that certain antiseptics destroyed the leucocyte action rather than inhibiting bacterial growth.

Specific Antiseptics

The older antiseptics, such as carbolic acid, had, said the lecturer, similar action on all microbes: the modern ones had each a specific action. Arsphenamine compounds had specific action on certain spirochætes, and the specificity of the sulphonamides night be seen in relation to the six organsms: Meningococcus, gonococcus, hæmoytic streptococcus, pneumococcus, staphyococcus, and enterococcus. Penicillin, which was much stronger than the sulphonamides, had again no effect on the interococcus. A "treatment index," drawn up to show the ratio between anti-bacterial concentration and anti-leucocytic concentration in various antiseptics, gave the esults shown in adjoining column.

The Sulphonamides

A main characteristic of the sulphonanides was that they could be given with afety in the blood, spinal fluid, or other ody tissues at a concentration many times hat necessary for inhibiting growth of the rganisms. Readily absorbed orally, they ould be applied locally, and were extemely diffusible, permeating the whole ody, even to the nervous system. They

were excreted by the kidneys, and that was why urinary infections of *B. coli* were readily cured by them. The anti-bacterial action of the sulphonamides was at least as good in the blood as in the culture medium. This action was bacteriostatic, having no anti-leucocytic effect. That being so, the body cells must themselves kill the microbes, and the better the condition of the body the more easily they could do this.

Penicillin

Ten years ago, Professor Fleming said, he and his fellow-workers noticed on a culture-plate a mould that seemed to have an extraordinary specific anti-bacterial effect. It was seen to stop the growth of all the ordinary cocci of the mouth except those of influenza and whooping-cough, for the isolation of which it was therefore used. Penicillin was found to have no toxicity to leucocytes. Unfortunately it was extremely unstable and could only be kept for about fourteen days. Until 1940 every attempt to isolate the active principle had failed. Then, however, a team of workers at Oxford had obtained penicillin in the form of a solid that retained its activity, though it was readily soluble in water with loss of stability. In measured doses it was found to have extraordinary curative

Antiseptic	Organism	Factor
Carbolic acid Eusol T.C.P. Picric acid Novarseno- billon Sulphanila- mide	(Streptococcus viridans) (Hæmolytic streptococcus) (Enterococcus) (Hæmolytic streptococcus) (Staphylococcus) (Hæmolytic streptococcus)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

effects on animals. Infected mice were cured with total doses in the region of only 7.5 mgm. Enough had been made to test the extract on man, and again it had been found to give control of infections in which the sulphonamides failed. The supply was short, but in potency the drug seemed to be the highest of all hæmotherapeutic substances. Penicillin was at least four times as strong as sulphathiazole.

FOURTH ADDENDUM TO B.P.

(Concluded from The Chemist and Druggist, October 11, p. 55)

New Monographs.—The following are in addition to those already listed.

URETHANUM.—Colourless prismatic crystals or leaflets. Taste, cooling and slightly bitter: soluble in two parts of water. Dose: 15 to 30 gr.

URGINEA.—Indian squill is the bulb of Urginea indica, divested of its outer scales,

sliced and dried. Dose: 1 to 3 gr.

INDICA.—Indian VALERIANA consists of the dried rhizome and roots of Valeriana wallichii. Dose: 5 to 15 gr.

Amended Monographs.—The following are details of the monographs of the B.P., 1932, and of the Addenda that have been amended.

ACETUM SCILLÆ.—Indian squill may now

be used. CATAPLASMA KAOLINI.—Sodium lactate (70 per cent) may be used in place of glycerin.

Mepacrinæ Hydrochloridum.—Dose is

now $\frac{3}{4}$ to $\frac{1}{2}$ gr.

Oxymel Scillæ.—Indian squill may be used in place of squill.

Scilla.—Indian squill may be dispensed or supplied in place of squill,

TINCTURA SCILLÆ.—Indian squill may be used in place of squill.

TINCTURA VALERIANÆ AMMONIATA.-Indian valerian may be used in place of valerian.

VALERIANA.—Indian valerian may be dispensed or supplied in place of valerian.

AQUÆ.—Suitable potable water may be used in place of distilled water in making the following aquæ: Aromaticæ, anethi concentrata, camphoræ, chloroformi, cinnamomi concentrata, menthæ piperitæ concentrata

ELIXIR Cascaræ Sagradæ.—Chloroform is now used in place of glycerin.

EPHEDRINÆ HYDROCHLORIDUM.—Melt-

ing point 217° to 219° C.

GLYCERINUM ACIDI TANNICI.—A preparation containing tannic acid, tragacanth, chloroform, alcohol and water may be dispensed or supplied.

GLYCERINUM ALUMINIS.—Ammonia alum may be used in place of potash alum.

Infusa.—Suitable potable water may be used in place of distilled water in making the following infusa: Aurantii recens, buchu, buchu recens, calumbæ, calumbæ recens, caryophylli, caryophylli recens, digitalis recens, gentianæ compositum, gentianæ compositum recens, quassiæ recens, senegæ, senegæ recens, sennæ, sennæ recens.

INJECTIO BISMUTHI.—A modification in the preparation and sterilisation is laid

down.

INJECTIO BISMUTHI OXYCHLORIDI.—A modification in the preparation and sterilisation is laid down.

INJECTIO BISMUTHI SALICYLATIS. Arachis oil may be used in place of olive oil. A modification in the preparation and sterilisation is laid down.

INJECTIO FERRI.—The direction to steril-

ise by Tyndallisation is deleted.

INJECTIO HYDRARGYRI.—Arachis oil may be used in place of olive oil. Slight modification in preparation is laid down.

INJECTIO HYDRARGYRI SUBCHLORIDI. Arachis oil may be used in place of olive oil. Slight modification in preparation is

INJECTIO MERSALYLI.—Solution of sodium hydroxide and distilled water are now used in this preparation.

LIQUOR SODII CHLORIDI PHYSIOLOGICUS. -Direction to sterilise by Tyndallisation is deleted.

MEL BORACIS.—Glycerin may be replaced by an equal weight of purified

Menthol.—Synthetic racemic menthol

may be used.

MISTURE SENNÆ COMPOSITA.—Sodium sulphate may be used in place of magnesium sulphate. If crystals separate, they should be re-dissolved by warming.

OLEUM HIPPOGLOSSI.—Alterations have

been made in tests for purity.

SYRUPUS PRUNI SEROTINÆ.-Made to a modified formula and containing wild cherry bark, tragacanth, chloroform, alcohol, soluble saccharin, distilled water.

TINCTURA CARDAMOMI COMPOSITA.

Glycerin may be omitted.

TINCTURA IPECACUANHÆ.—Glycerin may be omitted.

TINCTURA RHEI COMPOSITA.—Glycerin may be omitted.

UNGUENTUM ACIDI TANNICI,—Made to a modified formula and containing tannic acid, distilled water, wool fat, hard and soft paraffin.

UNGUENTUM HYDRARGYRI.—Synonym, "mercury ointment," is deleted (see Unguentum hydrargyri dilutum above).

Chlorocresol B.P.

CHLOROCRESOL.

[P.C.M.C.]

Chlorocresol B.P.

Synonym. Parachlormetacresol.

C₆H₃OH·CH₃·Cl

Mol. Wt. 142.58

Prepared by the chlorination of metacresol.

Description. Small white transparent crystals, with a faint but not unpleasant odour.

Solubility. In water: 1 in 250 at 20° C.; 1 in 50 at 100° C. Soluble in benzene, toluene, alcohol, ether, terpenes and fixed oils.

Action. An economical preservative, preventing, even at low concentrations, the growth of bacteria and fungi.

Uses. Mould inhibition and bactericidal purposes.

Appropriate preservative for injections, lotions, cosmetics, pastes, tragacanth jellies (e.g., Pasta Acid. Tannic B.P.), gelatins, etc.

Concentration. Use $1:500\ \mathrm{to}\ 1:2000\ \mathrm{according}$ to the material to be preserved.

Source. Monsanto Chemicals Limited, Ruabon, Wrexham, Denbighshire.

MONSANTO CHEMICALS LIMITED

RUABON, WREXHAM, DENBIGHSHIRE

Telephone: Ruabon 3191



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Most Botanicals previously obtained from Central Europe for forward delivery— ALSO MOST PHARMACEUTICAL CHEMICALS

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